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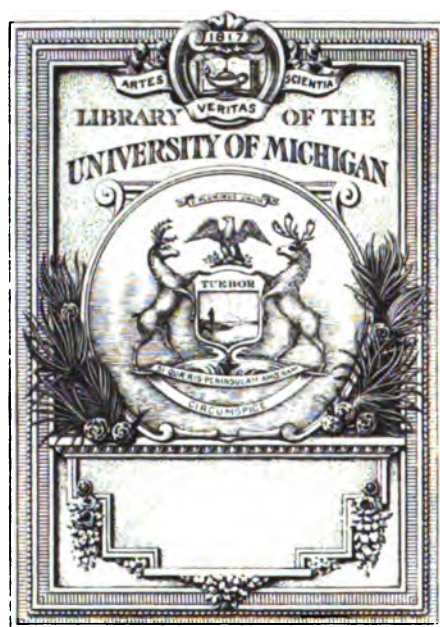
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JOINT DOCUMENTS.

JOINT DOCUMENTS

OF THE

STATE OF MICHIGAN

FOR THE YEAR 1893

49815

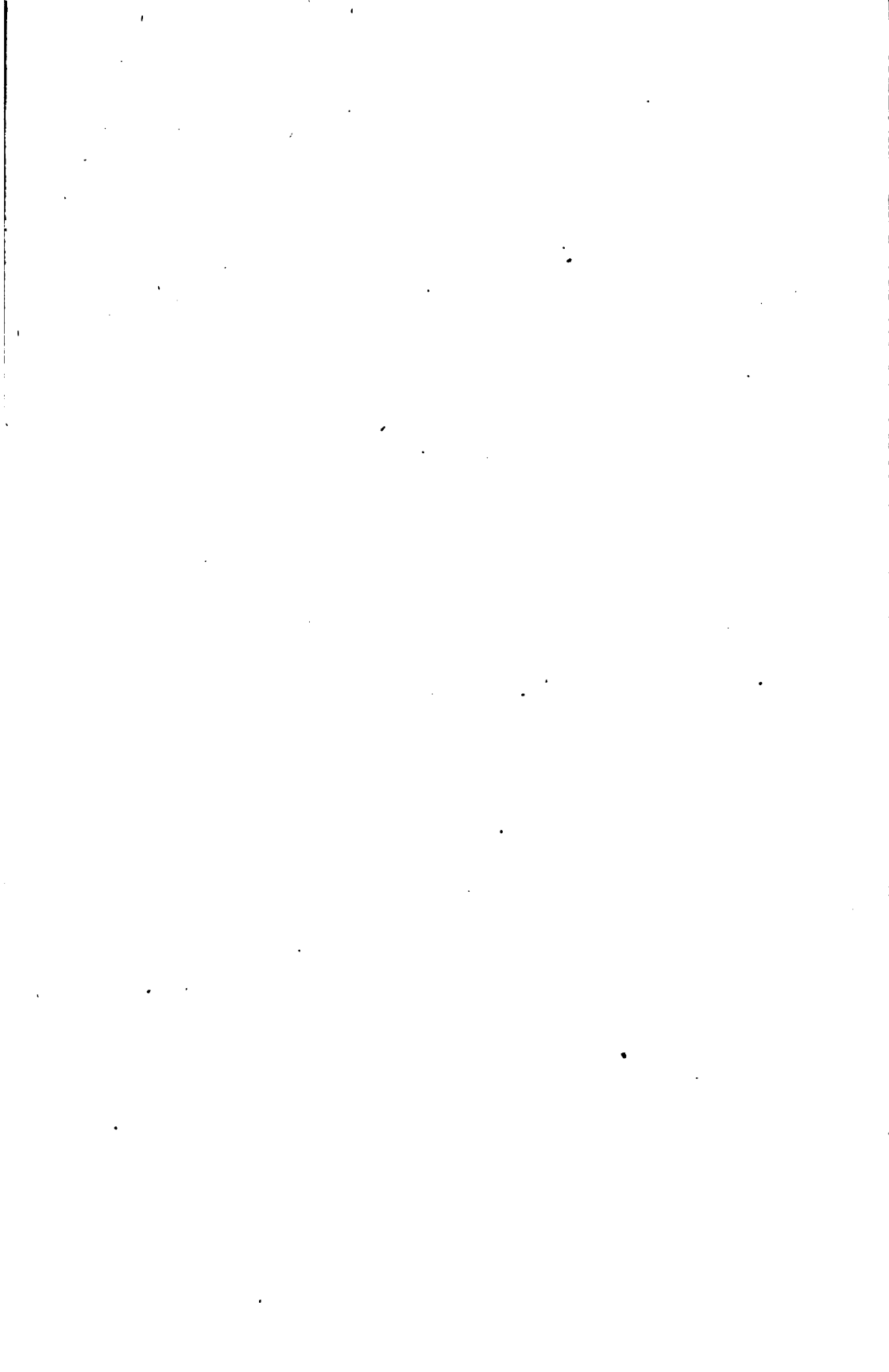
IN FOUR VOLUMES

VOL. IV.



BY AUTHORITY.

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1893



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TWENTY-SECOND ANNUAL REPORT

OF THE

COMMISSIONER OF RAILROADS

OF THE

STATE OF MICHIGAN

FOR THE YEAR 1894.



BY AUTHORITY

LANSING:
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS.
1894.

OFFICERS OF THE DEPARTMENT.

1894.

SIMEON R. BILLINGS, GENESEE Co., *Commissioner*.

EDWARD A. RUNDELL, MONTCALM Co., *Deputy Commissioner*.

ELLIOTT F. MOORE, SAGINAW Co., *Mechanical Engineer*.

OFFICIAL ADDRESS:

LANSING, - - MICHIGAN.

COMMISSIONERS OF RAILROADS.

DEPARTMENT CREATED APRIL 10, 1873. TERM OF OFFICE TWO YEARS.

	Appointed.
STEPHEN S. COBB, - - - - -	April 25, 1873
WM. B. WILLIAMS, - - - - -	May 1, 1877
WM. P. INNIS, - - - - -	January 12, 1883
WM. McPHERSON, Jr., - - - - -	January 15, 1885
JOHN T. RICH, - - - - -	January 12, 1887
CHAS. R. WHITMAN, - - - - -	January 14, 1891
SIMEON R. BILLINGS, - - - - -	January 10, 1893



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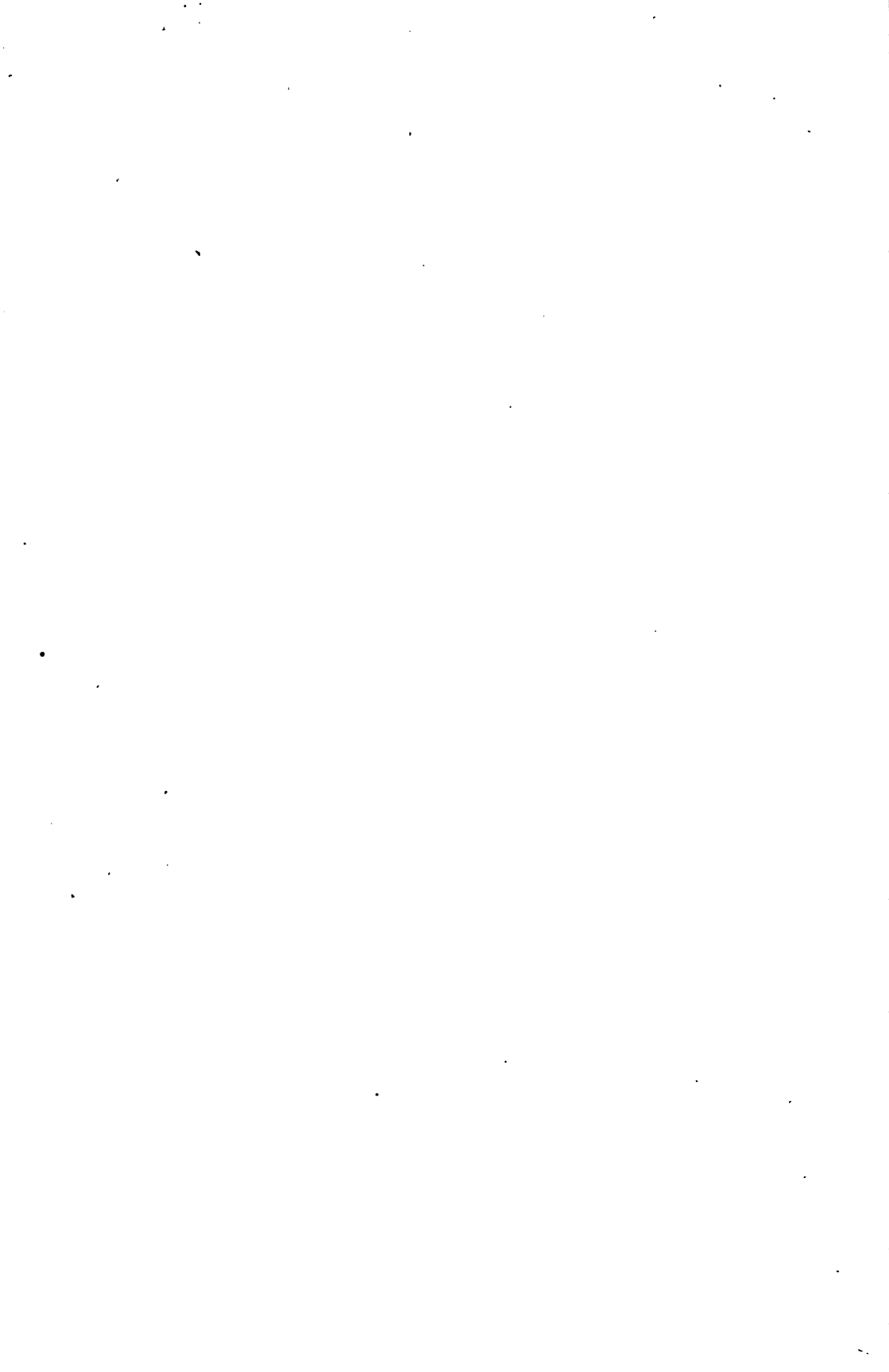
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REPORT.

STATE OF MICHIGAN,
OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, December 1, 1894.

To His Excellency, JOHN T. RICH, Governor of the State of Michigan:

Sir—In compliance with the law governing this department, I respectfully submit to you the twenty-second annual report from this office.

It includes the annual report of the various railroad corporations doing business in this State for the year ending December 31, 1893, with condensed tables and statistics compiled therefrom and comparative tables gathered from various sources, and such matter pertaining to the official acts of the commissioner for the year ending November 30, 1894, as considered will be of interest to the people and the railroad managements.

The aggregate gross earnings of all the roads in the State reached the highest point during the year 1892. The contraction of earnings commenced early in the year 1893 and continued from bad to worse far into the year 1894. Railroad receipts can well be said to be the business barometer faithfully recording the condition of trade and indicating the rise and fall of the prosperity of the toiling people of a State.

THE COAL FAMINE.

What will be known in history as the coal famine of 1894, caused by the coal miners strike, was attended with great loss to the country and much delay and inconvenience to railroad transportation.

On some of the roads the number of trains was reduced and in many cases locomotives were fired by using wood for fuel, demonstrating the fact that the prosperity of one line of business depends upon the success of others.

THE PULLMAN-A. R. U. STRIKE.

Closely following the scarcity of coal came the Pullman-A. R. U. great railroad strike, which, in magnitude and scope, far exceeded any other strike that ever preceded it in this country.

It started and centered in Chicago, but was not confined to that city or any one State. It extended into many states making it national in character and operation.

The east and west trunk lines having connections in Chicago were the most affected and suffered the greatest loss of any roads in the State. The moving of trains was attended with sore trials and grave difficulties and the operation of some roads for a short time was nearly suspended which greatly deranged business.

Aside from the above named difficulty, the operation of roads has been attended with favorable conditions during the entire year. I am pleased to make special mention that not a passenger has been killed by a railroad accident during the year beginning December 1, 1893, ending December 1, 1894, which is so much brighter than last year's record, when the passengers killed numbered 46. A comparative table of casualties will be found under its proper heading in this report.

OUTLOOK FOR RAILROADS.

The building of new roads for speculative or other purposes has come nearly to a standstill, and for the present has lost its business importance. Only a few short extending lines to old roads to make desired connections are contemplated.

There is no mistaking the problem which railroad managers are required to solve. They must satisfy the public demand for safe and rapid transit in the carrying of mails, passengers and merchandise. Tracks must be kept in order with a purpose to better their condition; station buildings must be made commodious and tasty, in keeping with the style and architecture of modern design; additional safety appliances must be used; the most improved kind of machinery put in service, and all the modern accommodations must be provided to hold the trade and attract business equal to other competing lines. If any road fails to accomplish all of this and more it will lose its prestige, hazard its chances for success and disappoint its owners.

To provide for such numerous demands, and to satisfy stockholders and pay the interest on the bonds, taxes the cunning of the managers to the uttermost.

In common with many other business institutions the order for economy is sounded by directors to managers and repeated all along the line to the last and least official and employee, and in many cases it is a struggle for existence.

That some roads favorably located in the State will meet the demand and overcome the difficulties, there is no doubt, but with some others, less fortunately located—I have no desire to predict—but a speedy return of business will be to them like “The shadow of a rock in a weary land.”

GENERAL CONDITION OF THE ROADS.

When making the annual inspection of the various roads, notes were taken as to the general condition of the property with a view to ascertain whether the physical condition of the roads was being neglected in keeping with the general shrinkage in business, and I am pleased to state, as the result of a careful and close observation that the property as a whole is not neglected, but on the contrary, is made better.

Track structures are made more permanent where repairs are necessary to be made. In many cases, old trestles are being lessened by fills;

stone and iron piping are taking the place of wood culverts; stone butments are substituted for bents and piling and wood bridges are replaced by iron.

In the operating machinery the same gradual improvements are noticeable and there are but very few roads which are an exception to this gradual growth.

The most notable improvements found on any of the roads, the T., A. A. & N. M. R'y. takes the lead. Four steam shovels have been thoroughly manned and operated during the season, accomplishing almost an incredible amount of work.

The grades have been greatly lessened and are being brought to a uniform standard.

Many of their bridges have been shortened and iron piping used for culverts.

It is claimed that the south half of the road will soon be in condition for one engine to haul 50 loaded cars going south.

If the improvements are carried on next year as anticipated, finishing the work which is so well begun of reducing the grades, ballasting the road with gravel, taking out the curves and shortening the road such as that contemplated north of Ann Arbor, where it will shorten the road three miles and do away with many dangerous curves, the T., A. A. & N. M. R. R'y. will stand among the first of the roads running in the northern part of lower Michigan.

To do justice, perhaps I should mention that in bringing the road from its low and unsafe condition to its present standard in so short a time, and for the amount of money expended, much credit is due to the business ability of the receiver and the executive energy of its manager.

TAXATION AND RATES.

It is an established principle that all taxable property should bear its equal burden of taxation in proportion to its cash value. No citizen or corporation has just reasons to complain of this, but to fix values and rates for taxation and for transportation purposes on railroads, and on all other kinds of property in strict equality with each other, which will be just to all citizens and corporations, is a degree of excellency not attainable by human wisdom.

It is a very easy matter to truthfully say inequalities exist and will continue to exist as long as governments are controlled by human beings, but it is not so easy to point out the defects in taxation and make the corrections, and it is not my province or purpose to attempt it at this time, desiring only to submit the facts as they exist.

The information relative to the subject is hereafter given as I have been able to find it, and will be found properly indexed, under the head of special tables, which explain themselves.

ANNUAL INSPECTIONS.

Systematic inspections of all general traffic lines in the State have been made in accordance with law. I do not consider it necessary to make specific report of each road separately, except where extraordinary conditions have been found to exist.

The east and west trunk lines and branches and the north and south lines

in the lower peninsula not mentioned below, have maintained or improved their general status, and there is nothing to detract from the conditions indicated in my last report.

I also make favorable report of the lines in the upper peninsula, some of which suffered heavily from forest fires during the past summer. The Duluth, South Shore & Atlantic was the heaviest loser, several of its bridges being burned, while many more were saved by the utmost vigilance of a large force of men and the liberal use of water by means of sprinklers.

The C., M. & St. P. R'y also suffered severely, losing in one instance an entire freight train.

Ample repairs were immediately made, however, without material interruption to traffic.

TOLEDO, ANN ARBOR & NORTH MICHIGAN.

I have made special mention of this road under the head of general conditions of the roads, in recognition of the many desired improvements made and economically distributed on the entire line of the road.

Owing to the extensive new cuts and fills many of the highways crossing the track are temporarily in bad condition, making it very perplexing to the persons using them. We are assured that this cause of complaint will soon be removed.

CINCINNATI, JACKSON & MACKINAW.

A special inspection of this road was made to examine the condition of its bridges, which were found, by reason of their age, in need of close attention, and in several cases immediate repairs were found necessary and directed. The repairs were made in a satisfactory manner.

On annual inspection, many improvements were noticeable in track structures. Some old wooden trestles were removed by fills, new timbers put into bridges and many other general repairs.

SOUTH HAVEN & EASTERN.

This road has engaged more than usual attention. An inspection of its bridges was made in the early part of the season. It was found by reason of their age they needed watchful care that repairs be promptly made as soon as any form of weakness was discernable. Some defects were pointed out and repairs directed, and the request was complied with in a satisfactory manner.

On my annual inspection the bridges were found as good if not better than the previous year. The ties were not in a satisfactory condition.

The manager of the road assured me that many new ones would soon be put in.

Considering the conditions as a whole connected with the road, that the speed of trains was slow and traffic light, it was reasonably safe for public travel.

A petition signed by Benj. F. Herbert, C. W. Young and 36 other citizens in the vicinity of Paw Paw, Van Buren county, was presented to this department October 11, 1894, which is here copied and made a part of this report, giving reasons for my action hereafter named.

"To Hon. SIMEON R. BILLINGS, Railroad Commissioner of the State of Michigan:

"We, the undersigned, residents of the county of Van Buren in said State do respectfully call your attention to the condition of the South Haven & Eastern Railroad, and ask that the matter herein set forth have your earliest attention.

"We respectfully call your attention to the tracks, bridges and rolling stock of said railroad. It is in a dangerous and dilapidated condition, and in the judgment of the undersigned it is unfit for the transportation of passengers with reasonable safety. We are informed and believe that the ties are rotten and the iron partially worn out, and the bridges are in need of repairs.

"We, therefore, respectfully ask that you at once proceed to inspect said railroad and see that everything is done to make travel over it safe and secure."

After fully considering the above petition, arrangements were made for a special examination.

In pursuance of section 3298, first Howell's annotated statutes and amendments thereto, special examiners were appointed, consisting of John Doyle, of Grand Rapids, and E. F. Moore, mechanical engineer, of this department, as experts and men of long experience in railroad work, with letter of instructions to proceed to examine said road as to its conditions of safety and make report of their findings to this department.

On receiving and carefully considering report as made by the above named examiners, an order was issued directing Robert H. England, general manager of said road, to proceed at once to make the necessary repairs as recommended, and that the road be put in a safe condition as soon as possible, also restricting the speed of trains, requiring them to run not to exceed 12 miles per hour until such repairs were made.

I have good reasons to believe that the requirements in the order are being carried out by the manager of the road, who has advertised in the market to purchase 30,000 ties, thus assuring us that the road will be put in a safe condition and trains be allowed to run at the normal speed in the near future.

CORPORATIONS.

Seventy-eight companies have complied with the general railroad law and submitted reports to this department for the year ending December 31, 1893, one less than last year. Sixty-six of these are classified as commercial roads and do a general railroad business, eight ore or forest roads used for the movement of mining and forest products exclusively, and two provide terminal and two transfer facilities. Forty-two corporations control or operate the entire traffic of the State. The following four companies have filed reports for the first time: Alpena & Northern, Boyne City & Southeastern, Chicago, Milwaukee & St. Paul, and Sault Ste. Marie Bridge Co.

Considerable difficulty has been experienced in ascertaining who owned the Sault Ste. Marie bridge, and obtaining a report, as conflicting evidence is on file in this office regarding the ownership, but after due diligence and a determined effort by this department the company made a report for the year ending December 31, 1893.

The following companies appeared in last year's report and, as

explained there, have been or will be dropped in the future: Cincinnati, Wabash & Michigan, Frankfort & Southeastern, Jefferson Avenue, Milwaukee, Lake Shore & Western, and Milwaukee & Northern.

Four railroads were in the hands of a receiver at the close of 1893, viz.: Toledo & South Haven R. R., Toledo, Ann Arbor & North Michigan R'y, Detroit, Bay City & Alpena R. R., Gogebic & Montreal River R. R. The Saint Joseph Valley Railroad, which was found unsafe for transportation of passengers and ordered to suspend operations in August 1893, has not resumed operations up to October 1, 1894. The South Haven & Eastern R. R. assumed possession of the Toledo & South Haven R. R. June 7, 1894.

The usual statement showing articles of association filed by new roads, amendments of charters and other changes affecting the status of railroad companies since the close of the preceding report will be found in appendix hereto.

STATISTICAL AND SPECIAL TABLES.

The usual statistical tables published in the reports prior to 1892 are printed in pamphlet form and omitted here, but the substance of them will be found in a brief and summary form in this report.

The six new comparative tables published last year for the first time and several additional new ones have been carefully prepared and will be found in this report. They are indexed under the head of special tables.

TRACK MILEAGE.

The railroad companies doing business in the State during the year 1893 report a total of 22,993.15 miles of road operated. This is an increase of 5,848.80 miles over the number reported for 1892. This great increase is due mainly to the fact that the Chicago, Milwaukee & St. Paul Ry. Co., operating 6,154.29 miles of road commenced July 1, 1893, to operate the 377.45 miles of road formerly operated by the Milwaukee & Northern and made their first report to this department for the year ending December 31, 1893.

Of the total number of miles operated 7,572.35 miles, or 32.93 per cent, are in Michigan. The companies operating in this State report 20,989.40 miles of road owned by them, 7,511.84 miles or 35.78 per cent being in this State: 7,380.36 miles being devoted to general traffic and 131.48 miles being operated as ore or forest roads. There was an increase of mileage in 1893 of 64.47 miles. The amount of double track reported is 141.50 the same as for 1892.

The mileage of sidings and spurs in Michigan is 2,036.14 miles, an increase of 45.56 miles over the preceding year.

The total number of miles of road in this State computed as a single track is 9,689.48, as against 9,579.45 miles for the previous year. There being an increase of 110.03 miles.

The total miles of track in joint use is 61.37, an increase of 24.57 miles over the year 1892. This increase is chiefly caused by the D., L. & N. and F. & P. M. jointly operating the road from Plymouth Junction to Redford, a distance of 20.24 miles.

The F. & P. M. constructed a piece of new road from Delrey to Redford. 8.64 miles in length, connecting with the D., L. & N. at that point.

Trains commenced running via this line and Delrey to Detroit, January 22, 1893, and the use of the tracks of the Michigan Central R. R. from West Detroit was discontinued by the D., L. & N.

The 2.93 miles of road in joint use by the T., A. A. & N. M. R'y and M. A. L. R'y, from Hamburg Junction to Hamburg, has been overlooked in compiling previous reports.

MILEAGE AND POPULATION.

Michigan has 33.53 miles of railroad for every 10,000 inhabitants, and 13 miles of road per 100 square miles of territory, and according to the census of Michigan in June, 1894, there was one mile of track in this State to every 298 inhabitants. Michigan's proportion to the total mileage in the United States is about 4.31 per cent.

The following table shows the growth of the railroad system of the State from year to year, since 1838:

Table showing progress of railroad construction in Michigan from 1838 to 1893 inclusive.

Years.	Miles.	Years.	Miles.	Years.	Miles.
1838.....	68	1857.....	579	1876.....	3,410
1839.....	71	1858.....	708	1877.....	3,455
1840.....	104	1859.....	770	1878.....	3,564
1841.....	147	1860.....	770	1879.....	3,637
1842.....	147	1861.....	777	1880.....	3,828
1843.....	180	1862.....	811	1881.....	4,252
1844.....	220	1863.....	812	1882.....	4,609
1845.....	223	1864.....	891	1883.....	4,966
1846.....	279	1865.....	931	1884.....	5,120
1847.....	279	1866.....	943	1885.....	5,247
1848.....	326	1867.....	1,060	1886.....	5,577
1849.....	353	1868.....	1,120	1887.....	5,798
1850.....	390	1869.....	1,362	1888.....	6,411
1851.....	421	1870.....	1,739	1889.....	6,780
1852.....	425	1871.....	2,298	1890.....	6,967
1853.....	425	1872.....	2,682	1891.....	7,274.94
1854.....	425	1873.....	3,253	1892.....	7,447.37
1855.....	462	1874.....	3,318	1893.....	7,511.28
1856.....	530	1875.....	3,347		

The Board of Railroad Crossings has approved maps for the following roads since the last report of this department was issued:

	Miles.
F. & P. M. Eddy branch, spur of the Meredith division, Clare county, from a point near Hatton station to section 29, T. 18 N., R. 4 W., Clare county	8.00
M. & N. E. Glen Arbor branch, through Leelanaw county, from a point of its main line on section 21, T. 28 N., R. 12 W. to a point on section 22, T. 29 N., R. 14 W. at Glen Arbor	17.61
T. C. S. & D. R'y, spur to soda ash works at Trenton, located on section 18, T. 4 S., R. 11 E., about 1,820 feet.	
Boyne City & South Eastern, extension in Charlevoix county, from a point between sections 21 and 28, T. 32 N., R. 5 W. to a point near section 4; T. 31 N., R. 5 W., about.....	2.25
Total	27.86

STOCK AND DEBT.

The total stock and debt for the period under report is \$1,078,896,729.70 and compared with \$863,607,814.47 for the previous year shows an increase of \$215,288,915.23.

Per mile of road it is \$51,401.98, a decrease of \$5,663.64.

This increase of total stock and debt and decrease of stock and debt per mile of road, is on account of the Chicago, Milwaukee & St. Paul submitting their first report. In 1892 the Milwaukee & Northern reported \$12,994,183.11 stock and debt for 362.25 miles, making \$35,870.76 stock and debt per mile of road. The C., M. & St. Paul, which now operates the M. & N. and O. & B. railroads report \$215,543,621.19 stock and debt and 6,154.29 miles, making only \$35,023.31 stock and debt per mile of road. The stock and debt of several other roads has also been considerably increased.

When comparing the increase of stock and debt over that of the previous year the large increase of road owned over that of 1892 should not be forgotten. Table 6 shows the total miles of road owned for the year 1893 to be 20,989.40 an increase of 5,855.81 miles over 1892.

The excess of stock and debt over cost is \$59,196,403.04 or \$2,820.30 per mile of road.

COST.

The total cost of railroads and equipments reported to this department at the close of 1893 is \$1,019,700,326.66; for the previous year it was \$814,351,228.55, an increase of \$205,349,098.11 over 1892.

The cost per mile of road is \$48,581.68; for the previous year it was \$53,810.84, being \$5,229.16 less than for the year 1892. This increase of total cost and decrease of cost per mile of road may be accounted for the same as total stock and debt and stock and debt per mile of road. For explanation see stock and debt.

Michigan's proportion of cost, based on a pro rata mileage basis is \$298,992,936.64, an increase of \$3,363,024.71 over the cost reported for 1892.

This increase of cost is due mainly to the following companies. Opposite the name of each company is the amount they have added to Michigan's proportion of cost:

Alpena & Northern.....	\$350,000 00
Chicago & Grand Trunk.....	92,477 30
Chicago, Milwaukee & St. Paul	1,313,470 09
Cincinnati, Jackson & Mackinaw.....	93,108 00
Cleveland, Cincinnati, Chicago & St. Louis	68,996 92
Duluth, South Shore & Atlantic.....	407,849 92
Flint & Pere Marquette	108,243 54
Manistee & Northeastern.....	61,040 97
Toledo, Ann Arbor & North Michigan	1,202,032 80
The Fort Street Union Depot Co.	122,559 67
Total	<u>\$3,819,779 21</u>

The total amount of decrease is \$695,851.88, and the following are the roads reporting a large decrease:

Mason & Oceana.....	\$53,937 20
Minneapolis, St. Paul & Sault Ste. Marie.....	278,288 07
Wabash.....	273,785 14
Chicago & Northwestern.....	43,862 00
Total	<u>\$649,872 41</u>

FINANCES.

The total revenue realized from the operation of railroads participating in the railroad business of this State and reporting to this department for the year ending December 31, 1893, was \$146,626,639.25; for the year previous it was \$111,806,191.54, showing an increase of \$34,820,447.71 in favor of the year 1893. The total expenses of operation, including taxes for the year 1893, were \$105,054,079.34, leaving a net income for the year on traffic account of \$41,572,559.91 or \$8,712,701.79 in excess of the net income for the year previous.

From the net surplus of traffic receipts over operating expenses and taxes were paid, the fixed charges, rentals and dividends as follows:

Interest on funded debt.....	\$28,632,919 52
Interest on floating debt.....	602,119 98
Rentals, etc.....	3,780,386 51
Dividends.....	<u>12,616,524 97</u>

Total disbursements	\$45,631,950 98
Net deficit of receipts to disbursements for the year.....	4,059,391 07

Which was paid from the balances on hand in the income account at the close of the preceding year.

GENERAL BALANCE SHEET.

The railroad companies of Michigan on general account:

Dr.

To balance forward from 1892.....	\$31,132,008 71
received from operation.....	146,626,639 25
income from sources other than operation.....	761,222 15
balance of other credit items.....	<u>7,459,275 64</u>

Total am't rec'd including balance brought forward.. \$185,979,145 75

Cr.

By operating expenses and taxes, 1892.....	\$105,054,079 34
interest on funded debt.....	28,632,919 52
interest on floating debt.....	602,119 98
rentals	3,780,386 51
dividends	12,616,524 97
balance forward to 1894.....	<u>35,293,115 43</u>

Total expenditure including balance carried forward.. \$185,979,145 75

ANNUAL REPORT OF THE

The credit balance forward shows an increase of \$4,161,106.72 over the balance forward for the year previous.

ANALYSIS OF EARNINGS AND EXPENSES.

The traffic earnings are classified between passenger and freight as follows:

Passengers	\$51,571,538 38
Freights	93,342,480 99
Total	\$144,914,019 37

The passenger earnings are derived as follows:

From fares	\$43,639,289 64
express and baggage	2,902,784 35
mails	4,480,550 24
other sources	548,914 15
Total	\$51,571,538 38

The freight earnings are derived as follows:

Transportation of freight	\$93,009,892 42
Other sources	332,588 57
Total	\$93,342,480 99

OPERATING EXPENSES.

The operating expenses for the year are classified as follows:

Maintenance of way and buidings	\$20,523,717 67
Maintenance of rolling stock	17,109,696 57
Conducting transportation	53,854,386 92
General expenses and taxes	13,566,278 18
Total operating expenses and taxes	\$105,054,079 34

Per mile of road operated the expenses were \$4,568.93, being \$35.87 less than for the previous year. The expenses per train mile were \$0.87.79, a decrease of \$0.06.44, while the per cent of expenses to earnings was 71.65. an increase of .35 over 1892.

DEFICIT OF EARNINGS TO EXPENSES.

Six companies failed during the year under report to make sufficient earnings to cover expenses of operation, an increase of one over 1892:

	Amount of Deficit.
Chicago, Detroit and C. G. T. Junction	\$29,118 13
Indiana & Lake Michigan	3,473 87
St. Joseph Valley	713 10
Toledo, Ann Arbor & North Michigan	17,226 12
Wisconsin Central, Gogebic & Montreal River	19,844 59
Bear Lake & Eastern	1,053 43
Total	\$71,429 24

This amount shows an increase of \$49,783.54 over the year 1892.

COMMISSIONER OF RAILROADS.

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PASSENGER TRAFFIC.

The whole number of passengers carried during the year is 53,916,571, an increase of 13,561,422 over 1892, and made up as follows:

Through passengers	2,187,221
Local passengers.....	51,729,350
Total.....	53,916,571

The average distance traveled by each passenger is 43.25 miles, an increase of 10.74 miles over 1892. The average fare paid by each passenger was \$0.80.94, an increase of \$0.10.04 over the previous year. The total number of passengers carried one mile is 2,331,976,030, an increase of 1,020,020,011. The following statement shows in detail the passenger business and rates of fourteen of the principal corporations doing business in the State:

Statement of average passenger rates, 1893.

Companies.	Average through rates.	Average local rates.	Average rate for all.
Chicago & Grand Trunk.....	\$0 01.22	\$0 01.70	\$0 01.35
Chicago & Northwestern.....	01.61	02.01	01.97
Cincinnati, Chicago & St. Louis.....	01.56	02.34	01.94
Chicago, Milwaukee & St. Paul.....	02.04	02.18	02.17
Detroit, Grand Haven & Milwaukee.....	02.00	02.40	02.33
Flint & Pere Marquette.....	02.28	02.35	02.35
Grand Rapids & Indiana.....	02.74	02.42	02.43
Lake Shore & Michigan Southern system.....	02.01	02.12	02.09
Michigan Central System.....	01.91	02.28	02.12
Minn., St. Paul & Sault Ste. Marie.....	01.61	02.61	02.09
Duluth, South Shore & Atlantic.....	02.74	03.18	02.97
Detroit, Lansing & Northern.....	02.23	02.27	02.25
Toledo, Ann Arbor & North Michigan.....	02.90	02.50	02.50

The following comparative table shows the average revenue per passenger per mile in twelve different states, also the average for the entire United States for the years 1892 and 1893.

Name of state.	Year.	Av. revenue per passenger per mile.	Year.	Av. revenue per passenger per mile.
Michigan.....	1892	\$0 02.18	1893	\$0 01.87
Iowa.....	1892	02.87	1893	02.50
Ohio.....	1892	02.08	1893	01.813
Wisconsin.....	1892	02.94	1893	02.554
New York.....	1892	02.21	1893	02.18
Illinois.....	1892	02.16	1893	02.400
Massachusetts.....	1892	01.83	1893	01.33
Minnesota.....	1891	02.43	1893	02.44
Missouri.....	1892	02.42	1893	02.23
Nebraska.....	1892	02.47	1893	02.290
Kansas.....	1892	02.30	1893	02.170
Connecticut.....	1892	01.84	1893	01.213
Average entire United States.....	1892	02.126	1893	02.108

Table showing number of passengers carried one mile and average rate per passenger per mile from 1883 to 1893, inclusive.

1883.....	1,026,680,909	\$0 02.72	1889.....	1,129,527,334	\$0 02.43
1884.....	968,754,233	02.53	1890.....	1,131,137,085	02.37
1885.....	878,853,062	02.06	1891.....	1,139,196,367	02.23
1886.....	949,587,802	02.23	1892.....	1,452,376,127	02.13
1887.....	896,238,954	02.39	1893.....	2,231,956,019	01.87
1888.....	1,018,018,108	02.15			

FREIGHTS.

The total tons of freight moved during the year under report was 79,649,152, an increase of 4,007,061 tons over the previous year. This increase is chiefly due to the Chicago, Milwaukee & St. Paul report which gives freight movements for its entire system of 6,154.29 miles at 11,360,734 tons. As before stated this company now operates the M. & N. and O. & B. Railroads and for the year 1892 the latter named companies only reported freight movements for 377.45 miles at 1,059,384 or 10,301,350 tons less than the number reported by the C., M. & St. P. for 1893. If the C., M. & St. P. report had been confined to the same mileage as the M. & N. report for 1892 the total tons moved for 1893 would show a large decrease instead of an increase.

The tonnage moved is classified as follows:

Through freight	15,523,711
Local freight.....	64,125,441
Total	79,649,152

An analysis of details compared with similar data for the previous year discloses the following:

	1892.	1893.	Increase.
Average ton haul, miles.....	140.78	153.22	12.44
Average amount received from each ton haul.....	\$1.01.51	\$1.16.79	\$0.15.28
Average rate per ton per mile	\$0.00.721	\$0.00.762	\$0.00.041

The following comparative table shows the average revenue per ton per mile in twelve different states, also the average for the entire United States for the years 1892 and 1893:

Name of state.	Year.	Av. revenue per ton per mile.	Year.	Av. revenue per ton per mile.
Michigan	1892	\$0 00.721	1893	\$0 00.762
Iowa.....	1892	00.825	1893	00.986
Ohio.....	1892	00.743	1893	00.852
Wisconsin.....	1892	02.144	1893	02.070
New York.....	1892	00.764	1893	00.777
Illinois.....	1891	00.877	1893	01.187
Massachusetts.....	1892	01.36	1893	01.89
Minnesota.....	1891	01.166	1893	01.114
Missouri.....	1891	01.365	1893	01.12
Nebraska.....	1892	01.272	1893	01.573
Kansas.....	1892	01.045	1893	01.010
Connecticut.....	1892	01.499	1893	01.484
Average for the entire United States.....	1892	00.898	1893	00.878

RAILWAY CHARGES.

The following table showing the average railway charges for freight transportation per ton per mile for different countries, has been carefully arranged for the United States authorities:

Germany	cents 1.70	Norway	cents 3.00
Austria	" 2.10	Holland	" 1.52
Belgium	" 1.54	Roumania	" 2.64
Denmark	" 2.76	Russia	" 2.22
France	" 2.14	Finland	" 1.96
Italy	" 2.40	Switzerland	" 2.36
Luxembourg	" 1.92	Average for Europe	" 2.02

The following statement, continued from year to year, shows the number of tons of freight moved one mile, with the rate for each ton per mile, during the nineteen years since 1873:

Statement of tonnage and rate per mile since 1873.

Years.	Tons carried one mile.	Rate per mile.	Years.	Tons carried one mile.	Rate per mile.
1874	1,982,956,796	\$0 01.37	1884	6,164,447,858	\$0 00.90
1875	1,954,008,452	01.30	1885	6,415,952,716	00.82
1876	2,328,981,690	00.98	1886	6,475,690,964	00.89
1877	2,392,855,424	01.08	1887	6,353,779,133	01.09
1878	2,558,981,229	01.05	1888	6,514,787,273	00.79
1879	3,598,676,435	00.92	1889	7,790,682,202	00.75
1880	4,789,420,778	00.86	1890	8,997,987,524	00.709
1881	5,747,847,621	00.92	1891	7,770,514,551	00.644
1882	5,781,530,167	00.97	1892	10,048,966,706	00.721
1883	6,235,081,222	00.99	1893	12,208,926,990	00.762

EQUIPMENT.

The estimated value of the equipment of the railroads of the State on December 31, 1893, was \$63,141,856.14, or \$4,154.79 per mile of road. This is an increase of \$624.00 per mile of road. In computing the value of equipment per mile of road, the mileage of the C., M. & St. P. was deducted from the total mileage, as that company did not give the value of their equipment.

The cost of maintaining motive power and cars for 1893 was \$17,109,-696.57, an increase of \$5,789,643.56 over the amount for 1892.

Statement of Equipment for 1893.

Number of locomotives, all classes	4,781
“ passenger cars, all classes	2,751
“ baggage, mail and express cars	1,039
“ box freight cars	93,266
“ stock cars	9,572
“ platform and coal cars	34,195
“ ore cars	16,915
“ conductor's way cars	2,613
“ all other cars	3,056
Total cars	163,407
Total locomotive and cars	168,188

PERMANENT WAY.

The cost of maintaining way and buildings for 1893 was \$20,523,717.67.

TRACK SECTIONS.

There are 1,300 track sections in this State, having an average length of 5.78 miles. The average number of men in each section is 4.04. The small number of derailments and other track accidents reported best prove the efficiency of the track force.

TRACK RENEWALS.

RAILS.

Five hundred and ninety-three and sixty-nine one-hundredths miles of track was replaced with new rails during the year, requiring 65,468.1 tons of steel.

TIES.

In 1893, 5,781,277 new ties were laid by the railroad companies doing business in this State, of which 2,460,789 were in this State, making an average of 329 per mile of road.

TRESTLES.

Two and ninety-two one hundredths miles or 15,407 feet of trestle has been replaced with earthwork during the year under report; only 10,167 feet or 1.93 miles was filled in last year. This is improvement in the right direction and should be continued until these objectionable and inferior structures are eliminated from our railroad properties.

CULVERTS.

Six hundred and nineteen culverts have been replaced during the year, 300 of them with stone or iron, 128 with sewer pipe, and 191 with timber.

The replacing of culverts with stone or iron instead of timber is increasing and in line with true economy.

BRIDGES.

The number of railroad bridge structures in this State is 2,981 having an aggregate length of 355,227 feet or 67.28 miles. The average length of each bridge structure is 119 feet. There being one bridge or trestle for every 2.52 miles of road.

Descriptive list of Railroad Bridges in Michigan.

Character and material of bridge.	Number.	Length, feet.
Wood.....	603	47,469
Stone or iron.....	257	30,686
Combination.....	47	11,622
Trestles.....	2,041	261,218
Draw bridges.....	33	4,232
Total.....	2,981	355,227

The above list includes 65 new bridges, having an aggregate length of 5,881 feet or 1.11 miles. These bridges are classified as follows:

	Number.	Length, feet.
Wooden.....	35	4,254
Iron or stone.....	30	1,627
Total.....	65	5,881

A decrease in the number of bridge structures will be noticed caused to a large extent by the disappearance of 178 trestles. The Toledo, Ann Arbor & North Michigan, Michigan Central, Flint & Pere Marquette, Chicago & West Michigan, Indiana & Lake Michigan, and Chicago, Milwaukee & St. Paul have each decreased the number of trestles upon their respective roads.

The bridge structures have been frequently inspected under the supervision of this department, and my efforts to maintain them in a safe condition have at all times been seconded by the management of the roads.

RAILROAD CROSSINGS.

There were 394 crossings reported December 31, 1893, or 197 common to two roads as each crossing is reported by each road; of these crossings 175 are at grade and 22 are over or under.

HIGHWAY AND STREET CROSSINGS.

Of this class of crossings there were reported at the close of the last year 7,664, of these 7,449 are at grade and 215 over or under the public thoroughfares: 510 of the grade crossings are protected by flagmen, gates or some form of automatic signals, while the remainder have only the protection afforded by the ordinary railroad crossing signboard required by law.

In the report for last year the number of highway and street crossings at grade protected by flagmen, gates or some other automatic signals is given as 589. This was not correct and the error was caused through a mistake in the report of the Michigan Central for the year 1892, which gives the number of protected grade crossings as 205 instead of 124, which is the number given in the report for 1893.

FENCES.

On December 31, 1893, there was 10,211.95 miles of fencing completed along the right of way of railroads in this State, an increase of 214.95 miles over the number reported the previous year, with 2,182.14 miles required to complete fences both sides of track. The most of the unfenced portion lies in the upper peninsula and in those districts where the country is new and unimproved.

STATIONS AND EMPLOYEES.

The total number of stations reported by companies doing business in this State is 4,647; of this number 1,509 are in Michigan, averaging one station to every 1,485 inhabitants and one for each 4.97 miles of track.

The above companies reported 100,963 men in their employ, 26,765 or 26.5 per cent being in this State, making a decrease of 1,054 employes in Michigan during 1893.

The following roads show a large decrease in the number of employes in Michigan for 1893 compared with 1892, and account for the above decrease: Chicago & Northwestern 500 less, Lake Shore & Michigan Southern 700 less, and the Chicago & Grand Trunk 170 less. A few of the roads show a small increase.

The subjoined statement shows the classification of employes upon railroads doing business in Michigan for the year under report.

Statement showing classification of railroad employes in Michigan and partly within and partly without the State, year ending December 31, 1893:

Classes.	Number.
Baggemen	948
Brakemen	6,541
Conductors	3,305
Engineers	4,981
Firemen	5,137
Laborers	28,559
Shopmen	15,072
Yardmen	5,685
Others	30,735
Total	100,963

The railroad employes of Michigan have manifested a disposition everywhere and at all times during the year to comply with the general railroad laws of this State, so far as this department has been informed. But few complaints have been received concerning them and it is believed that the personnel of the force employed on Michigan railroads will compare favorably with that of any other State in the country, the efficiency and general good conduct of the employes being especially worthy of commendation.

ACCIDENTS.

The reports of the railroad companies show the total number of accidents in this State for the year 1893 to be 766, a decrease of 20 from the figures of the preceding year. Computed upon a mileage basis the average is one

accident for each 51,375 miles run in Michigan, and one for each 23,181 passengers carried in this State. The total number of fatal accidents reported is 200, an increase of 33 over the previous year. The large increase in the number of fatal accidents is accounted for by the accidents that occurred at Jackson on the Michigan Central, resulting in 14 killed and 70 injured, and the accident at Nichols, on the Chicago & Grand Trunk resulting in 28 killed and 26 injured, making the casualties at these two places 96 injured and 42 killed, a total of 138, or 18 per cent of the total for the year. The number killed averages 21 per cent of the entire number killed in the State for the year. The following classified statement shows the number and character of persons killed and injured on Michigan railroads during the year under report:

General casualty statement, 1893.

Persons.	No. killed.	No. injured.
Passengers	46	127
Employees	58	363
Others	96	77
Total	200	566

Of the above 202 are clearly accidental, the remaining 564 resulting from negligence, lack of caution and the persistent habit of trespassing upon tracks and trains; 114 trespassers or tramps, 8 intoxicated people and 2 suicides were killed or injured. The following is a comparative analysis of the number and causes of accidents for 1892 and 1893.

Casualties and causes, 1893.

	Killed.				Injured.				1892.	
	Passengers.	Employees.	Others.	Total.	Passengers.	Employees.	Others.	Total.	Killed.	Injured.
Collisions	45	7		52	107	20	2	129	2	15
Coupling cars		14		14		157	8	160	17	223
Derailments		8		8		18		21		24
Falling from trains		13	1	14		26		29	25	84
Frogs						1		1		
Getting on and off trains	1	7		8	7	18	5	30	10	45
At highway crossings			20	20			14	14	8	23
Miscellaneous causes		14	3	17	2	123	8	128	30	181
Overhead obstructions						2		2		
Trespassers on trains			6	6			14	14	9	25
Trespasser on tracks			66	66		2	36	38	66	49
Total	46	58	96	200	127	363	77	566	167	619

Appended is a statement of employes killed or injured on Michigan roads during the year 1893:

Employés.	No.	Employés.	No.
Baggagemen	3	Laborers	69
Brakemen	165	Shopmen	19
Conductors	28	Yardmen	50
Engineers	18	Unclassified	35
Firemen	24		
Total			430

The following comparative table shows the number of passengers carried, number of passengers, employes and others killed and injured for ten years:

Year.	Number of passengers carried.	Number of passengers.		Number of employés.		Number of others.		Total.
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
1884	24,782,322	5	21	29	294	68	68	496
1885	22,970,564	7	29	45	329	71	58	430
1886	24,867,065	2	38	47	194	77	79	437
1887	24,087,719	2	33	62	351	78	87	512
1888	27,436,106	7	21	63	256	90	88	532
1889	31,126,050	8	26	60	222	110	86	573
1890	33,508,059	7	53	75	491	150	98	669
1891	34,208,371	5	47	53	355	118	111	639
1892	43,592,146	6	45	73	463	88	111	726
1893	53,916,095	46	127	58	362	96	77	786
1894		0	11	32	52	80	60	235

Table showing average rate of speed of the fastest trains run in Michigan upon the following railroads, as per schedule in Wood's guide for the month of September, 1894.

Name of company.	Point from and to.	No. of train.	No. of miles.	No. of stops.	Av. time running one mile.		Av. No. of miles per hour.		Av. time going 100 miles.	
					Min.	Sec.	Miles.	100ths.	Hrs.	Min.
Chicago & Grand Trunk	Port Huron to C., R. I. & P. Junction, Chicago.	7	215	10	1	24	38	18	2	27
Chicago, Milwaukee & St. Paul.	Milwaukee to Champion	9	268	38	2	21	25	45	2	56
Chicago & Northwestern	Chicago to Ishpeming	11	394	41	2	8	28	14	3	23
Chicago & West Michigan	Grand Rapids to New Buffalo	4	115	8	1	42	36	39	2	50
Detroit, Grand Haven & Mil.	Grand Haven to Detroit	14	189	31	1	57	30	65	2	16
Detroit, Lansing & Northern	Detroit to Grand Rapids	3	158	11	1	36	27	47	2	40
Duluth, South Shore & Atlantic	Duluth to Sault Ste. Marie.	8	420	47	2	21	25	58	2	54
Flint & Pere Marquette	Detroit to Saginaw	5	107	10	1	44	31	35	2	56
Grand Rapids & Indiana	Grand Rapids to Petoskey	5	191	8	1	47	38	71	2	58
Lake Shore & Mich. Southern	Toledo to Elkhart via Adrian	4	143	6	1	31	38	12	2	37
Michigan Central	Detroit to Kensington, Chicago.	19	271	7	1	37	36	95	2	42
Minneapolis, St. Paul & Sault Ste. Marie.	Minneapolis to Sault Ste. Marie.	7	494	19	1	53	31	87	2	8
Toledo, Ann Arbor & North Michigan	Toledo to Mt. Pleasant.	1	171	37	2	19	25	97	2	51

TAXATION.

The total amount of taxes due from railroad corporations doing business in Michigan for the year ending December 31, 1893, and payable July 1, 1894, aggregated the sum of \$811,056.65. As compared with the previous year it was a falling off of \$82,705.36, or 9.25 per cent. Of this amount \$220,932.29 was assessed upon the following roads in accordance with the provisions of their special charters:

Detriot, Grand Haven & Milwaukee.....	\$25,171 40
Grand River Valley	14,934 00
Michigan Central	134,083 20
Lake Shore & Michigan Southern	46,743 60
Total	\$220,932 20

The Commissioner of Railroads computed the sum of \$590,124.45 upon the gross earnings of the several companies and certified the same to the Auditor General as required by the provisions of the general railroad law.

The following analysis shows the figures in detail:

Taxable earnings as reported for Michigan	\$36,319,655.33
Average number of miles operated in Michigan.....	7,583.194
Taxable earnings per mile of road	\$4,789.49
Average taxes per mile of road	\$106.83
Per cent of taxation on taxable income	2.23

On February 5, 1894, the Michigan Central railroad filed with the Secretary of State articles of acceptance of the provisions of act 179, session laws of 1893, and on May 11, 1894, the Grand River Valley filed articles of acceptance of the provisions of the same law. The act referred to places the Michigan Central under the provisions of the general railroad law for the purposes of taxation.

By referring to the tax table in this report it will be noticed the Sault Ste. Marie Bridge Co. and the Manistee & Grand Rapids R. R. Co. are assessed for the first time. An explanation concerning the Sault Ste. Marie Bridge Co. will be found under the head of corporations. The Manistee & Grand Rapids R. R. Co. claimed exemption under act No. 174, session laws of 1891, amended by act 129, session law of 1893. Upon investigation by this department it was found that the M. & G. R. R. Co. was built and in operation before the above named act went into effect. The Commissioner of Railroads notified the officials of said road to appear before him and show cause why the said M. & G. R. R. should not be taxed under the general railroad laws. The said company appeared before the commissioner and were represented by Jno. Canfield, president, and E. N. Salling, auditor. The evidence given at these meetings did not disprove the fact that the said road was built and operated previous to the act of 1891 taking effect, and in the judgment of the Commissioner of Railroads the road was liable to taxation. The tax computations were therefore made out upon the earnings of said road for the years 1891. 1892 and 1893. and filed with the Auditor General as the law directs.

The following comparative table shows the amount of taxes paid by the railroads of this State for the past five years:

Comparative table showing taxes for five years, 1889, to 1893, inclusive.

Line No.	Railroads.	1889.	1890.	1891.	1892.	1893.
1	Au Sable & Northwestern			\$1,611 47	\$4,818 63	\$2,830 41
2	Chicago, Detroit, & C. G. T. Junction	25,126 07	\$3,142 27	6,144 27	7,594 35	7,012 29
3	Chicago & Grand Trunk	65,853 06	67,917 53	30,935 68	58,059 06	58,895 96
4	Chicago, Kalamazoo & Saginaw	668 61	943 83	1,052 54	1,060 81	1,070 28
5	Chicago & Northwestern	76,159 09	85,576 08	81,304 94	101,348 07	58,577 34
6	Chicago, Milwaukee & St. Paul					3,822 34
7	Chicago & West Michigan	25,176 55	29,862 42	26,323 80	40,748 90	36,105 86
8	Cincinnati, Jackson & Mackinaw	6,160 00	6,710 64	7,286 74	7,087 11	6,624 87
9	Cincinnati, Saginaw & Mackinaw		3,754 27	4,088 25	4,274 48	3,613 55
10	Cincinnati, Wabash & Michigan	2,170 04	2,441 98	2,155 44	1,149 81	
11	Cleveland, Cin., Chicago & St. Louis				1,459 37	2,299 54
12	Detroit, Bay City & Alpena	9,744 19	10,460 77	8,253 49	7,084 11	7,609 52
13	Detroit, Grand Haven & Milwaukee	25,171 40	25,171 40	25,171 40	25,171 40	25,171 40
14	Detroit, Lansing & Northern					
15	Grand Rapids, Lansing & Detroit	22,639 72	24,398 25	23,115 69	23,402 51	26,790 12
16	Saginaw & Western					
17	Duluth, South Shore & Atlantic	11,231 87	19,706 00	39,006 40	40,957 95	40,991 87
18	Flint & Pere Marquette	46,645 59	52,316 03	55,896 86	56,754 33	50,575 96
19	Frankfort & Southeastern		642 58	682 99	276 15	
20	Grand Rapids & Indiana	45,568 18	53,372 78	51,762 40	54,766 07	44,982 56
21	Muskegon, Grand Rapids, & Indiana	3,252 31	3,060 32	4,315 70	4,422 71	2,921 46
22	Traverse City	940 46	909 00	889 94	1,148 96	1,063 95
23	Hancock & Calumet	3,225 32	3,282 64	4,876 04	5,313 46	4,708 69
24	Indiana & Lake Michigan		104 66	423 46	663 78	682 45
25	Jefferson avenue			89 48	212 86	
26	Lake Shore & Michigan Southern System	46,743 60	46,743 60	46,743 60	46,743 60	46,743 60
27	Detroit & Chicago	715 15	745 98	722 90	778 51	896 55
28	Detroit, Hillsdale & Southwestern	768 91	778 79	586 81	898 74	844 16
29	Detroit, Monroe & Toledo	12,653 28	12,883 74	16,208 26	15,341 69	15,078 00
30	Fort Wayne & Jackson	1,917 28	1,997 91	2,066 50	2,327 68	1,666 18
31	Kalamazoo, Allegan & Grand Rapids	2,985 52	3,120 73	3,258 44	3,342 96	3,170 85
32	Kalamazoo & White Pigeon	1,999 82	2,114 17	2,448 35	2,527 45	2,195 26
33	Northern Central Michigan	1,922 97	1,919 82	1,850 80	1,981 18	1,925 63
34	Sturgis, Grishen & St. Louis		76 26	122 25	120 70	86 88
35	Lowell & Hastings	71 72	108 66	211 10	244 86	252 30
36	Manistee & Northeastern	933 29	1,815 32	2,900 82	2,544 38	3,751 62
37	Manistee & Grand Rapids					635 90
38	Manistique	893 72	2,188 54	2,608 57	1,715 53	1,438 35
39	Mason & Oceana	792 00	652 42	865 91	764 79	898 88
40	Michigan Air Line Railway	3,052 80	3,196 98	3,086 21	3,362 48	3,511 45
41	Michigan Central System	134,083 20	134,083 20	134,083 20	134,083 20	134,083 20
42	Battle Creek & Sturgis	188 30	254 29	398 36	419 23	400 25
43	Bay City & Battle Creek		85 94	186 24	198 78	231 71
44	Canada Southern Bridge	24 70	37 82	24 57	27 32	81 87
45	Detroit & Bay City	17,033 53	19,435 50	20,641 93	20,006 83	17,296 28
46	Grand River Valley	14,984 00	14,934 00	14,984 00	14,984 00	14,984 00
47	Jackson, Lansing & Saginaw	34,294 82	36,063 43	39,207 81	36,520 78	33,256 09
48	Kalamazoo & South Haven	1,033 44	1,029 03	1,141 05	1,166 03	1,183 78
49	Michigan Air Line R. R.	6,109 85	5,157 88	5,430 01	5,342 87	5,324 61
50	Michigan, Midland & Canada	196 28	140 96	169 47	175 53	146 95
51	Saginaw Bay & Northwestern	2,652 55	2,282 86	2,156 34	1,566 05	1,067 43
52	Toledo, Canada Southern & Detroit	14,421 24	15,574 07	20,588 61	23,064 42	22,231 06
53	Milwaukee, Lake Shore & Western	12,272 67	14,415 58	12,791 96	10,506 55	
54	Milwaukee & Northern	4,667 51	6,269 01	7,509 39	3,381 54	
55	Mineral Range	2,618 25	3,084 05	4,160 19	3,497 31	2,785 22
56	Minneapolis, St. Paul & Sault St. Marie	8,110 78	9,600 48	11,418 52	12,384 19	16,872 10
57	Ontonagon & Brule River	114 61	431 48	980 30	1,229 86	
58	Pontiac, Oxford & Northern	2,041 37	2,140 40	2,145 56	2,568 52	2,566 88
59	Saginaw, Tuscola & Huron	2,189 68	2,061 67	2,135 63	2,475 49	2,514 58
60	Saginaw Valley & St. Louis			1,868 89	1,900 56	1,862 85
61	Saginaw & Grand Rapids	1,936 27	2,074 12			

COMMISSIONER OF RAILROADS.

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Comparative table showing taxes for five years, 1889 to 1893, inclusive.—Continued.

Line No.	Railroads.	1889.	1890.	1891.	1892.	1893.
62	St. Clair Tunnel			\$548 20	\$3,479 77	\$4,577 09
63	St. Joseph Valley		\$100 03	92 58	81 89	86 16
64	Toledo, Ann Arbor & Northern Mich.	\$17,808 82	22,156 23	21,268 58	24,024 87	22,474 85
65	Toledo, Saginaw & Muskegon	1,887 40	2,225 45	2,304 50	2,521 30	2,180 57
66	Toledo & South Haven	483 66	532 82	540 76	518 68	464 99
67	Wabash	9,631 54	10,364 11	13,347 26	11,638 88	11,866 55
68	Wis Central (Gogebec & Montreal Riv.)		864 36	475 08	1,448 64	688 23
69	Detroit, Union E. R. Depot & Station Co.	3,193 81	2,910 58	3,130 17	3,523 89	4,088 50
70	Fort St. Union Depot Co.					2,880 21
71	Marquette, Houghton & Ontonagon	28,888 48	19,073 00			
72	Marquette & Western	2,085 68	2,056 21			
73	St. L., S. & B. C., Ackerman, receiver	194 73				
74	Toledo, Saginaw & Mackinaw	2,115 98				
75	Sault St. Marie Br. Co.					907 59
	Total for commercial roads	\$749,764 58	\$805,819 11	\$847,349 73	\$587,244 19	\$305,273 37
	ORE AND FOREST ROADS.					
1	Bear Lake & Eastern	\$214 17	\$191 25	\$231 19	\$224 76	\$156 86
2	Crawford & Manistee River	294 72	239 94	268 68	148 99	174 70
3	Hecla & Torch Lake	2,628 64	2,667 20	2,387 11	3,092 47	3,187 84
4	Lake County	401 22	821 14	258 44	261 27	107 71
5	Manistee & Luther	2,747 76	2,759 29	2,354 85	2,280 40	1,428 24
6	North Branch & Sable River	247 79	245 98	181 49	95 86	181 42
7	Quincy & Torch Lake		398 25	385 22	424 57	547 57
8	Colfax & Big Rapids	89 68				
9	Grass Lake & Manistee	255 75	263 48	163 41		
10	Hobart & Manistee River	645 63	94 71			
	Total for ore and forest roads	\$7,470 86	\$7,180 52	\$6,984 39	\$6,517 82	\$5,784 28
	Total for all roads	\$757,234 94	\$812,999 63	\$854,334 12	\$593,762 01	\$311,056 65

Comparative table of states, showing amount of taxes collected, earnings and mileage.

State.	Year.	Total taxes.	Taxes per mile of road.	Earnings.	Earnings per mile of road.	Miles.
Michigan	1892	\$310,149 06	\$106 68	\$36,319,655 38	\$4,789 49	7,582.19
Iowa	1893	1,843,306 78	157 93	45,003,680 51	5,290 68	8,506.22
Wisconsin	1893	1,291,701 63	217 15	32,283,551 88	5,578 99	5,962.29
New York	1893	7,270,196 58	921 73	* 122,482,601 01	15,782 08	7,887.59
Illinois	1892	2,783,304 80	261 91	85,822,152 00	8,230 40	10,314.79
Massachusetts	1892	2,270,485 05	1,548 07	43,671,884 05	20,616 10	2,119.47
Minnesota	1893	1,036,282 01	176 72	37,089,008 00	6,425 50	5,368.29
Missouri	1893	941,546 43	147 08	35,752,816 10	5,588 10	6,408.76
Nebraska	1892	1,187,420 06	209 82	32,165,221 00	5,517 20	5,529.22
Kansas	1893	1,809,693 97	203 70	36,551,825 78	4,187 84	8,906.08
Connecticut	1892	746,040 78	567 42	26,337,215 54	20,787 31	1,270.04
Ohio	1893	2,410,359 68	278 87			8,643.18
Av. for entire United States, June 30, 1892	1892			1,171,407,348 00	7,212 22	171,568.52

* Based on mileage basis.

MAP OF MICHIGAN.

The usual yearly edition of the State railroad map has been printed for distribution. The plate was corrected under the supervision of this department and shows all changes in county and township boundaries and also change of names, together with names of stations and all new lines of railroad completed up to the month of August, 1894.

SPEED OF TRAINS AND LIABILITY OF ACCIDENTS AT CROSSINGS.

A revised table of scheduled rates of speed of fast passenger trains on the principal railroads in this State is given elsewhere in this report, which is for progressional information and for future comparison in the history of rapid transit.

The fact that the speed of trains referred to is constantly increasing is not indicated in the figures given. The extension of the corporate limits of cities and villages through which slower rates of speed are authorized, the extra stops made by traffic requirements and increase in volume of business to these trains, by reason of reductions in the number of trains on account of the business depression, makes the rate of speed of these trains in clear territory almost incredible.

Many accidents at highway crossings are the result of ignorance or miscalculation as to the time that fast trains consume in traversing certain distances.

I desire to call your attention to the necessity of circulating this information, believing that loss of life and many cases of personal injury may be averted.

The data herewith given is based on the highest ordinary speed of trains, the ordinary speed of highway travel and the distance from highway crossing that the law requires the alarm whistles to be sounded.

Trains running 70 miles per hour will traverse 40 rods ($\frac{1}{2}$ mile) in 6.4 seconds.

At 60 miles per hour, in 7.5 seconds

At 50 miles per hour, in 9 seconds.

Teams traveling 4 miles per hour will traverse 100 feet in 17 seconds.

At 6 miles per hour, in 11.3 seconds.

At 8 miles per hour, in 8.9 seconds.

By extending or abridging this computation in rates of speed and distance traversed it is obvious that the utmost care and judgment is necessary at railway and highway crossings and that absolutely no risk should be taken. It is therefore plain from these figures and from the uncertainty of the speed of trains that no person should attempt to cross a railroad track when a train is known to be approaching, as the slight loss of time will not compensate for the risk taken.

I reproduce my report and recommendations in the matter of ordinances restricting the speed of trains within the limit of cities and villages, which has been the subject of much discussion.

The speed allowed by these ordinances vary from four to ten miles per hour, while under the requirements of rapid transit in street railway service they tacitly allow double the rate of speed to which railroads are

restricted. Various measures have been discussed looking to reasonable legislation in this matter, as it has been ascertained upon investigation that the ordinances have almost invariably been ignored in making time schedules, as well as by employes in charge of trains.

In view of the popular demand for rapid transit, and the fact that protection is afforded at the principal street crossings where necessary, it is very desirable that the authorities of cities and villages should reasonably modify their ordinances in this regard. This would prevent the conflicting conditions of responsibility of employes in charge of trains, and result in municipal laws that could be rigidly enforced.

FIRES.

Numerous complaints caused by the setting of fires have been received at this department, and much damage has been done, owing to the extreme dry season. Extra effort has been made to devise some method by which the setting of fires by locomotives could be lessened, if possible.

The action which has been taken by this department will be given in detail in the mechanical engineer's report.

MECHANICAL ENGINEER'S REPORT.

Your attention is respectfully called to the report made by E. F. Moore, mechanical engineer, of this department, which will be found hereafter indexed under the above heading.

It treats of the physical condition of the roads, the mechanical appliances required by law, and such other conditions as require inspection, which comes under the supervision of this department.

OVERHEAD CROSSING BRIDGE AT ANN ARBOR.

The overhead crossing bridge on Detroit street across the tracks of the Michigan Central railroad, near the depot in the city of Ann Arbor, on complaint, was inspected. The planking on said bridge was found to be badly worn and in need of repair. A question was raised as to the jurisdiction of this department to order the Michigan Central Railroad Company to repair said bridge as said company had entered into an agreement with the city of Ann Arbor which placed the burden upon the city to keep the roadway of said bridge in repair.

A hearing was given in the matter and after careful consideration of the subject, it was decided by this department that it had no power to enforce the terms of a contract between the parties or any authority to pass upon the validity of a contract.

A notice was given to the president of the Michigan Central Railroad Company and to the mayor of the city of Ann Arbor, that the bridge spoken of was not reasonably safe for public travel and should at once be repaired by newly planking the roadway.

A reasonable time was given in which to repair said bridge, but such repairs not having been made, a peremptory order was issued on the sev-

enth day of September, A. D. 1894, to the Michigan Central Railroad Company to cause such bridge to be repaired within 10 days from date thereof, and said railroad company has refused to comply with said order on the plea that the city of Ann Arbor was bound by contract to do the work, and to test the validity of this contract, a suit has been brought in the name of the Commissioner of Railroads in the county of Washtenaw, to enforce the order of commissioner, and said suit is now pending.

RAILROAD AND STREET CROSSING BOARD.

I would respectfully call your attention to the report of the above named board which will be found in the appendix of this report.

IRONWOOD SUFFERERS.

The railroad companies generously contributed to the relief of the distress prevailing in the mining districts in the upper peninsula during the winter, 1893 and 1894.

Supplies of all kinds were received by the railroad companies in all parts of the State, transported and delivered to the relief committees free of charge.

IN CONCLUSION.

It is gratifying to say that harmonious conditions exist between railroads and employes, although it is much to be regretted that many of the roads have been forced by the depression of business, to curtail expenses and have done so by employing as few men as possible, thus depriving many good men of employment.

It is due to the railroad companies that this department should acknowledge that ample facilities have been generously given to make special and general inspections, and have also given a hearty co-operation in all measures to improve the service, protection to the endangered, and safety to the traveling public.

I would make special mention of the efficient services rendered by those associated with me in this office, and of the intelligent and faithful support I have received in the discharge of the duties thereof.

At the close of this, my second annual report, I take the liberty to extend to you my thanks for the wise counsel and moral support you have given me, and as an appreciation of the honor you have conferred upon me, I have endeavored to do my duty in the execution of the laws and equities governing this department impartially and to the best of my ability.

Respectfully yours,



Commissioner of Railroads.

APPENDIX

D

REPORT OF MECHANICAL ENGINEER.

OFFICE OF THE COMMISSIONER OF RAILROADS.

HON. S. R. BILLINGS, *Commissioner of Railroads:*

I herewith submit a report in abstract of the physical and mechanical condition of the appliances on the railroads of Michigan that under the laws, are constructed under the supervision of this department or subject to stated or irregular inspections by its officers.

BRIDGES.

The condition of the bridge structures in the state, as compared with condition at date of last report is very good. A large number of special inspections of bridges have been made, and in sixteen (16) cases special repairs have been directed, detailed report of which has been filed.

These repairs have been satisfactorily made or are in process, and I can consistently report the condition of the railroad bridge structures in the state as safe and efficient.

INTERLOCKING SWITCH AND SIGNAL SYSTEMS.

This class of machinery has been considerably improved during the year. There have been twenty-nine (29) derailments in interlocked limits in the state during eight (8) months of 1894, that have been reported or have otherwise come to the notice of this office. None of these derailments have been attended with injury to persons or excessive damage.

Owing to the varied construction of these appliances in the state and the different opinions entertained by officials in charge, as to the necessities in construction and use of same, it was decided to adopt rules and specifications for future construction, and that general repairs be made in accordance therewith.

These rules, after a conference with the signal officers of the leading roads in the state, were adopted June 22, 1894. They require complete information with plans, etc., previous to construction, comprise all the improved safety devices, and will secure uniformity and more efficient safety conditions.

AIR BRAKES.

The brake equipment in the state is in good condition, competent inspection rules are in force, and the service is satisfactory.

No instance of failure of passenger train brakes involving personal injury or material damage have come to the knowledge of this department; but I have to report that there are about one hundred and forty-three (143) locomotives operated in the state that have not been equipped with driver brakes as required by Act No. 182, Session Laws of 1889. About 40% of these locomotives are pony or switching engines.

All the roads in the state with the exception of five (5) have complied fully with this requirement, and steps are being taken urging a general compliance, as soon as possible.

HIGHWAY CROSSING PROTECTION.

The service ordered by this department, is in a fairly satisfactory condition.

Regarding the highway crossing alarms, I find it nearly impossible to get continuous service. I herewith submit an abstract of daily reports from railroad companies, on whose lines, we have authorized this form of protection. There are thirty-six (36) crossings thus protected on five (5) railroads.

During the eight (8) months ending August 31, these alarms were out of service, from breakage or failure of mechanism, two thousand eight hundred and five hours, a percentage of 77.90 hours at each crossing during that period, and it is noted that the service was continuous on only two crossings.

I am of the opinion that this class of machinery should have exclusive, and more careful attention, and that general results would be much more satisfactory.

OVERHEAD WIRES.

The trolley wires of Electric Street Railways in the state, have been inspected and when found deficient in height, have been raised as required by law, in compliance with your orders.

It has been found difficult to locate all the electric light, and public, and private telephone wires across railroad tracks, but due diligence has been used, and where it has come to our notice, such wires have been raised when necessary.

I have found that many telephone lines are insecurely put up, that in case of breakage of insulators or fastenings, during storms, or from any cause, the wires are liable to sag, and are a menace to the safety of trainmen.

With a view to regulate future construction, to improve that already in operation, a circular letter was issued November 4, 1891, quoting the statutes in the premises, and specifying in detail, the construction of all wire lines at crossings of steam railroad tracks, so that in event of breakage above referred to, that the wires be safely and securely sustained.

FIRES SET BY LOCOMOTIVES.

In view of the large number of complaints that were received by this office that fires had been caused by locomotives during the past extreme dry season, a circular letter with a series of question was issued September 12, 1891, and mailed to each railroad company in the state. These questions involved details of appliances, and rules concerning use of same, also opinions as to best means to prevent or lessen liability to damage from this cause.

With one exception, answers have been received from all the roads, and I herewith give an abstract summary of answers to each question.

I. Please give size mesh of nettings used in extension front ends. State meshes to inch, with size of wire.

The variety of answers to this question shows a marked difference in nettings in use in the state.

Largest opening given 3-16 x 1 inch No. 8 plate iron (no netting) 1 road.

Largest opening in netting 2½ to inch No. 13 wire 1 road.

Smallest opening given 4 meshes to inch No. 10 wire, 4 roads.

Seven roads give 3½ to inch No. 10 wire.

Four roads give 3 to inch No. 12 wire.

Two roads give 2½ to inch No. 12 wire.

The other answers are between these extremes.

II. Same for diamond stacks if used.

Fifteen roads do not use.

Two roads give 4 to inch No. 12 wire.

Two roads give 3 to inch No. 10 wire.

Four roads give 3½ to inch No. 12 wire.

One road gives 4 to inch No. 10 wire.

One road gives 5 x 3¼ to inch No. 12 wire.

III. Do you use Newth or any other pattern of ash pan with slat bottom to dump cinders from cab? If so what are your conclusions as to increase liability to set fire?

Twenty-two roads do not use them, of which 3 have tried them and discarded them because they were considered dangerous. Three roads use them. One road keeps slats locked during dry season. One approves them if kept in order, and one approve unconditionally.

IV. Have you ever used nettings in ash pans? If so, give opinion as to practical utility.

Fifteen roads have not used.

Six roads approve use of nettings in deep or sloping pans. Three of these roads use them under back damper. Four roads approve unconditionally. Of these 15 roads that do not use them, 5 express approval of the idea. Six think it would be of no value.

V. Give your opinion as to whether larger proportion of fires set by locomotives are from fire thrown from stack or from ash pan?

Nineteen answers from stack.

Six answers from ash pan.

VI. Give data as to inspection of nettings, ash pans and dampers, with intervals of inspection, to whom made and record of same.

In 23 answers, record of inspection is made in book, or on blank for the purpose, which are filed with designated officers for future reference.

Entire inspection each day, 4 roads.

Entire inspection each trip, 13 roads.

Nettings weekly, ash pans and dampers daily, 2 roads.

Entire inspection weekly, 4 roads.

Entire inspection every two weeks, 3 roads.

Two roads have no stated inspections and keep no data.

VII. and VIII. Relative to rules for shaking grates or handling dampers in extremely dry weather?

In the answers to this question, nearly all are alike in import, and provide that dampers shall be closed passing over all bridges and dangerous localities.

Fourteen roads have rules that enginemen shall not shake grates while running, or with dampers open.

Five roads have rules that back dampers be kept closed while running.

Eight roads clean ash pans only at pits and stations.

Four roads never use both dampers at the same time.

Five roads have no fixed rules.

IX. Kindly ascertain and give the aggregate fire claims on your road, in Michigan during 1894.

Ten roads give amount of claims \$45,857.40.

Four roads give number of claims (no amount) 264.

Eleven roads no data given.

We can therefore deduct no positive conclusion as to the amount of damage done as compared with appliances used, or rules in force, but submit this report for the personal and benefit of all concerned.

It is noted however that on roads where nettings with the smaller openings are used, and stringent rules are prescribed regarding the use of dampers etc., during extremely dry weather, other conditions being equal, that the percentage of damage by fire is considerably less.

It is practically impossible to restrict any device which uses fire as a means of generating steam for motive power so as to entirely prevent the escape of sparks from the fuel in combustion.

It therefore becomes a matter of great importance and interest, both to the railroad companies and adjacent property owners that all combustible material on the right of way of railroads and land closely adjoining be burned off, or removed and each cooperate with the other in reducing the amount of damage from this cause.

AUTOMATIC CAR COUPLERS.

Nearly all the roads in the state have adopted some form of automatic couplers, and are equipping their freight cars as fast as possible.

This work should be pushed to completion with all possible dispatch as the danger to trainmen is measurably increased by the use of the different forms of common draw-bar coupling to the automatic type.

Very satisfactory progress in this matter is noted on some of the roads in the state, while on others, very little attention is given to it.

HEATING PASSENGER CARS.

The railroad companies that have adopted the method of heating passenger cars by steam from the locomotive have made considerable progress toward completion of this equipment.

Notably the D. L. & N. R. R. and C. & W. M. R'y. companies have just finished equipping their entire passenger service with these appliances, making eight of the important lines in the state that exclusively use this method of heating passenger trains.

The provisions of your circular letter of Nov. 3, 1893, relative to placing fire extinguishers in passenger, express and mail cars, has been generally complied with.

Respectfully submitted,

E. F. MOORE,

Mechanical Engineer.

REPORT OF THE RAILROAD AND STREET CROSSING BOARD.

SEPARATION OF GRADES OF HIGHWAYS AND RAILROADS.

The legislature of Michigan at its session in 1893 enacted by Act. No. 92 a law to provide for the separation of grades of railroads and public highways, and streets at their intersection.

The law provides for a board to be known as "The Railroad and Street Crossing Board." This board to consist of three members comprised of the railroad commissioner, and the other two appointed by the Governor with terms expiring January 1, 1895 and January 1, 1897 respectively. All subsequent appointments to be for four years. The office of the board to be located at the office of the railroad commissioner. The members of said board are required to give bond in the sum of ten thousand dollars each for the faithful performance of their duties.

The law provides that proceedings for the separation of grades may be initiated in the manner following:

1. By agreement between railroads and the common council of cities, commissioners of highways, boards of supervisors, etc., as the special case or locality may require.

2. In case of failure to agree as above provided, then by presenting to the Railroad and Street Crossing Board a certificate of any such representative officers, or boards as the locality may require, stating the necessity of the separation desired and that the same is for the public benefit.

3. Upon a presentation to the railroad and street crossing board, of a petition signed by twenty owners of real estate abutting on the street or highway, intersected by the railroad where the separation is required, praying such board to investigate the necessity of separating the grades at such crossing.

On the 31st day of August, A. D. 1893, Governor Rich appointed upon such board the following persons:

Hon. S. R. Billings, Railroad Commissioner, member *ex officio*.

Hon. Robert Gibbons, Detroit, with term expiring January 1, 1897.

Hon. Milo D. Campbell, Coldwater, with term expiring January 1, 1895.

On Monday the 23d, day of October, A. D. 1893, the first formal meeting of the board was held at the office of the Railroad Commissioner and was organized by electing Hon. S. R. Billings Chairman, and Milo D. Campbell, Secretary.

December 26, 1893, the board met at Detroit, and there was placed before them a petition numerously signed by owners of real estate, on Woodward avenue, in said city, praying the board to investigate the necessity of separating the grades of Woodward avenue, and the Detroit & Bay City Railroad, the Lake Shore & Michigan Southern Railroad, and the Grand Trunk Railroad at a point where said Woodward avenue is intersected by said railroads, about three miles northerly from the Detroit river. The meeting was largely attended by the officers of the several railway companies interested, city officers and residents in the vicinity of said crossing. After wide discussion it was ascertained that no division of sentiment existed as to the necessity for such separation as prayed, and that the public benefit demanded the same. And thereupon the board found accordingly.

The more difficult problem before the board was the best and most suitable plan for such separation. Among the many elements entering into the consideration were the following:

1. Should the railroads pass over or under the streets?
2. What should be the elevation of the railroads or streets as the case might be?
3. What effect the elevation or depression of the railroad tracks would have upon the streets running parallel with Woodward avenue at adjoining crossings?
4. The adoption of such plan for this crossing that it might be extended about the city when required.
5. The grades to be adopted for both street and railroads.
6. The convenience of factories having sidetracks to the railroads, and the effect upon them.
7. The cost of separation according to different plans and the damage to abutting property owners along the street.
8. The topography of the surface of the ground either way from this crossing over which the lines of railway extend.

At this meeting the board instructed Chairman S. R. Billings to employ a competent engineer to make surveys and submit plans for such separation. The meeting then adjourned to convene again February 6, 1894.

On the last named day the board again convened in Detroit, when Mr. Billings reported that he had secured Mr. Charles Paine of New York as engineer in pursuance of the instructions given him.

Mr. Paine was present and after an extended conference and an examination of the territory and full consideration of the data before the board, Mr. Paine was instructed to prepare plans and details for the separation of grades of said Woodward avenue and the railroads aforesaid at such crossing.

For the preparation of such plans and specifications he was given a letter of instructions for guidance, a copy of which is given in his report.

On the 27th day of February, Mr. Paine submitted his report to the board, and believing the same to be of interest it is hereby given, omitting detailed estimates of costs according to the several plans:

A REPORT

To the Railroad and Street Crossing Board, of Michigan, upon the separation of grades at Detroit, and at Woodward avenue, in particular.

BY CHARLES PAINE, CONSULTING ENGINEER, 1894.

To the Honorable, the Railroad and Street Crossing Board of Michigan:

GENTLEMEN—By your direction, I have made an examination of the subject of the separation of the grades of the railroads and of the streets in the city of Detroit, in company with members of the board, and in consultation with the city engineer and with the engineers of the Michigan Central, the Grand Trunk, and the Lake Shore railways; having also enjoyed the advantage of being present and the public hearing in the matter of the Woodward avenue crossing, held by the board on February 6, 1894.

After this public hearing, followed by such discussion of the questions involved between the several commissioners and with me, the board caused to be written to me the letter of which the following is a copy:

(Copy)

HON. CHARLES PAINE, 71 Broadway, N. Y.:

DEAR SIR—The railroad and street crossing board of this state held a meeting at the Cadillac hotel in the city of Detroit, on the 6th inst., to consider the separation of grades at a point about three miles north of the Detroit river, where Woodward avenue, in the city of Detroit, is crossed by the Lake Shore & Michigan Southern, the Detroit & Bay City, and the Grand Trunk Railways.

At such meeting a few points were definitely decided by the board, upon which they ask you to make plans and specifications for the separation, of the grades of the railroads aforesaid, and Woodward avenue. The board did not definitely decide as to the amount of elevation of the railroads above the level, nor of the depression of the street, below the level, but for the purpose of making plans and specifications, they desire to give you the data which follow; and would be pleased to have you consider the following in making the plans and specifications:

First, An extension of the system of the separation herein proposed of the grades of railroads and streets around the city;

Second. That the plans and specifications be made that the railroads, at the point in question be carried over the street;

Third. That the clearance between the street, and the lower portion of the girders of the railroads overhead, be thirteen feet;

Fourth. That the level from which the elevation and depression are to be made be at the surface of the ground, (151.30) of the level of the city as shown by the city engineer's grades;

Fifth. That the clearance be so as to depress the street $6\frac{1}{2}$ feet below the level mentioned in paragraph 4, and the lowest portion of the girders of the railroads overhead shall be $6\frac{1}{2}$ feet above the level;

Sixth. That the gradient of the approaches under the said railroads shall not exceed one foot in thirty;

Seventh. The board desires you further to estimate the cost of construction according to the plans and specifications you propose;

Eighth. They desire you to estimate the cost of construction, should the railroads be lowered so as not to change the grade of the street, with a view of having the streets pass over the railroads;

Ninth. They desire you to estimate the cost of construction should the railroads be lowered so as to divide equally the separation of grades between the streets, above the level, and the railroads below the level, with a view to passing the street over the railroads with a clearance of eighteen feet in such case.

The next meeting of the board will be held at the Cadillac hotel, in the city of Detroit, on February 27, 1894, at 10 o'clock a. m., and the board would be pleased to have the plans and specifications ready for such meeting, when it is proposed that a hearing be had as to the advisability of adopting the same.

By order of the board.

Very truly yours,

(Signed)

MILO D. CAMPBELL,

Secretary.

In accordance with these instructions, I now submit my report, plan and estimates, and it will be convenient in this report, to follow the order of subjects adopted by the commissioners in their communication.

First. It will be recognized, upon a survey of what has already been accomplished in the separation of the grades in the older parts of the city, that the best method to be adopted for effecting this separation will be suggested, if not dictated, by conditions existing in the vicinity of the place where the new crossing is to be provided; yet it will be necessary to take into account the effect which the arrangement proposed for one place will have in controlling the plans which may be adopted at other crossings.

Fortunately for this city there are no considerable gradients upon its streets, except near to the river, so that by the employment of very low rates of ascent or of descent, the streets can be passed under or over the railroads with very little injury to neighboring interests; which is seldom the case where it becomes necessary to make great changes in the levels or locations of the railroads.

It is obvious that a street is much more flexible than a railroad, that it can be much more easily adapted even to difficult circumstances. It would not be far from correct to assume that a street may be raised or depressed at the rate of one to thirty, as readily as railroads at the rate of one to three hundred that is, that the street can be elevated or depressed from a level plane, without inconvenience to its traffic in one tenth of the distance which must be taken by a railroad for an equal elevation at a relatively easy grade. The principal object to be aimed at is to keep the grades in either case as gentle as possible.

Also, in a city, the elevation or depression of a street may be made picturesque by proper architectural treatment, a railroad cutting or embankment can scarcely be made ornamental. In the instances where the railroads are now crossed by viaducts, in Detroit, the view from the elevation above the railroads looking down a street is generally the finest vista to be had upon that street.

The relative distance required in getting up or down a given height has often an important bearing upon the question of damages; and in the vicinity of sites for manufactories, storage yards or railway termini, the injury to adjacent property from changing the grade of a street for a short distance, is much less than would result from any considerable change in the elevation of a railroad over a necessarily much longer distance.

It is true also that the entire population must be affected by any restriction of the usefulness of the railways which serve a city; everybody is interested in having

good terminal yards, abundance of accommodation for receiving and forwarding by rail; only a small portion of the community can be affected by the change in the grade of a street; if the rate of elevation or depression is easy enough not to limit the loads drawn by horses, no one will be injured except perhaps the few owners of property adjoining the deeper portions of the cut or fill, who can easily be compensated.

It results from these considerations that it is better for the large majority of the people, in an industrial city, to have the railroad tracks as nearly upon the surface of the country, as may be; and also advantageous for the railroads, although the convenience of reaching adjacent property by sidings is of much less importance to them, than to the owners of the land; since manufactories which cannot secure accommodation at one place go elsewhere.

It happens in the case of Woodward avenue crossing, that the mode of treatment which recommends itself from the surrounding conditions will not seriously affect the method of separating the grades which may be found desirable at other crossings of important thoroughfares; because the distance from Woodward avenue to them is so great, yet all the minor street crossings within a distance of from 1200 to 2000 feet in either direction will be more or less affected by what may be done at Woodward avenue, and the less the grade of the railroads is altered, the less expenditure will be required upon them at present.

A mode of construction similar to the plan submitted for Woodward avenue will doubtless be found appropriate for all the important crossings of streets by the railroads in the northern and western portions of the city, where the railroads are now somewhat above the natural surface; where they are depressed, or where the subsoil is of quicksand, as in the southwestern portion of the city, viaducts for the streets with easy approaches will be the cheapest and most desirable means of crossing.

The cost of the structure shown upon the plan herein presented will not be materially affected by the lowering the whole of it three feet. The gradients of adjacent street crossings would be thereby favorably affected, the accessibility of neighboring property by side tracks would be cheaper and easier and the railroad embankments would be less conspicuous, if the grades were to be lowered three feet from the levels which the commissioners have specified, as the basis for this plan.

As the rights of way of these railroads appear to have been secured with a view to each road using a double track (without which no railroad is complete), I have estimated for the construction of the necessary piers (for the bridges to carry the two additional tracks), which should be built with the rest of the structure, in order to avoid disturbing the roadway later for their erection. The present cost of them is insignificant compared with the cost of building them subsequently.

The paragraphs of the letter of the commissioners numbered second, third, fourth, fifth and sixth, are mandatory, and have been followed exactly in the construction of the design or plan herewith submitted.

Seventh, I estimate the cost of building the bridges and depressing the street upon this plan at fifty-three thousand seven hundred and eighty dollars, and attach a detailed estimate (No. 1.) of particulars of this report.

Eighth, I submit in reply to this instruction an estimate (No. 2.) of the cost of lowering the railroads so as not to change the grade of the street; and find the cost of this method to amount to one hundred sixty-six thousand, nine hundred and ten dollars, particulars of which are submitted in some detail. In this estimate I have assumed that the railroads would be compelled by the proximity of their yards and connections to descend by a grade of one foot in a hundred to the necessary depth and to rise from it at the same gradient, although this rate is very objectionable and about three times as great as the gradients of these railways on their neighboring divisions, and it is assumed in order to shorten the distance over which the damages would extend.

I have also assumed (for this estimate) that the same width which is now available for tracks would be required after the lowering of the tracks had been accomplished.

This would compel the erection of two spans of bridge each 100 feet long to cross the cutting, and the taking of adjoining land for slopes, amounting in area to forty-nine ordinary city lots, which I have estimated for at a rate of twenty-five dollars per foot front, or six hundred and twenty-five dollars per lot.

I have also made an estimate (No. 3) of the cost of depressing the tracks to the same depth as in estimate No. 2, affording sufficient width at the bottom of the cutting, for six tracks only, maintaining the grade of Woodward avenue at its present level; the cost will be one hundred and six thousand, one hundred and twenty dollars for Woodward avenue alone.

This estimate is predicated, however, upon the possibility of effecting an arrangement with the railways which would require from them a surrender of important interests;

and without including any allowance for the great injury which would result to their terminal yards and connections; nor have I included in this estimate, nor in estimate No. 2, the cost of the bridges over the depressed tracks, which would be required at the numerous other street crossings within a distance of two thousand feet in each direction; because it is uncertain how many streets it would be thought necessary to carry, over the cutting at so much expense.

The combined rights of way, of the roads (140 feet) afford exactly width enough to admit of carrying the excavation to the required depth below the present grade of the street, with the usual slopes of $1\frac{1}{2}$ to 1, leaving width enough at the bottom of the cutting for two tracks for each road, and ditches; but it would be necessary before executing this scheme to bring about an arrangement between the several companies for the joint use of their rights of way in the manner suggested.

The grades of the railroads have been calculated, in this estimate also, at the very objectionable rate of one foot per one hundred feet, instead of at their present maximum rate of about one-third of this, in order to make the estimate as small as possible, and to confine the injury which would be inflicted by the adoption of this scheme to as small a territory as may be.

Ninth. In reply to this instruction, I estimate the cost of depressing the railroads one-half the necessary clearance height, and of raising the grade of the street one-half of the same, at one hundred and five thousand, six hundred and forty dollars and submit details in estimate No. 4.

The cost of depressing six tracks only, is shown in estimate No. 5, to amount to seventy-three thousand, nine hundred and forty dollars.

This estimate is predicaed upon the same objectionable rates of grade for the railroads, and the same arrangements as to the joint use of their united rights of way in order to avoid the purchase of adjacent real estate, for the widening of the cutting as in estimate No. 3. Neither have I taken account of the cost of altering the other highway crossings which would be affected.

This scheme of separating the grades would require the construction of retaining walls on each side of the street, for a distance of about 270 feet, from both ends of the bridge over the railroad cutting, or order to maintain the width of the surface of the street, and to secure the prescribed rate of one in thirty, in the grade of Woodward avenue; and would require all the minor street crossings within a distance of one thousand feet in each direction from Woodward avenue to be carried over the railroads by viaducts or to be excavated to the new level of the railways. It is evident that the less change of the railroads at any street crossing at which the grades are to be separated, the less will be required, as a temporary expenditure, at the adjacent crossings; and the greater the change made, the greater must be this expenditure to fit the temporary grade crossings for continued use.

In all these estimates it has been presumed that the railroad companies will lend a willing coöperation to reduce the cost as much as possible; and therefore it has been assumed that the work to be done could be executed one-half at one time, all the railroads running across Woodward avenue, upon two tracks, while the first half is building, and then upon two tracks over the completed work; the necessary temporary switches and the cost of working them during four months being included.

To recapitulate the cost of the several schemes for comparison:

Estimate No. 1, as per plan.....	\$53,780
Estimate No. 2, sinking the rights of way 18 feet.....	166,910
Estimate No. 3, sinking six tracks 18 feet.....	106,120
Estimate No. 4, depressing the rights of way 9 feet and raising the street 9 feet.....	105,640
Estimate No. 5, depressing six tracks 9 feet, elevating avenue 9 feet.....	73,940

All subject to the qualifying statements embraced in this report.

Appended to this report are specifications for the construction of crossing according to the plan and estimate No. 1.

Respectfully submitted,

CHARLES PAINE.

February 26, 1894.

SPECIFICATIONS.

1. The construction of the subway at the crossing of Woodward avenue and the Michigan Central, Lake Shore and Grand Trunk railways shall be according to the plan prepared for the commissioners, except when otherwise specified herein.

2. Dimensions shown upon the plan in figures shall be followed in any case where they differ from those given by the scale.

3. The level of the top of the pavement of the subway at the center line of Woodward avenue shall be 144.8 of the city engineer's reckoning of elevation, and the pavement shall decline towards the gutters according with the present surface of the street.

4. The level of the base of the girders of the railroads shall be at 157.8 of the city engineer's reckoning of elevation upon the bridge which span the street.

5. The clear opening under the bridges must be thirteen feet at the least.

The railroad bridges will conform to the plan in respect to length, depth of floor, height of clearance and uniformity of appearance; but will be proportioned for strength upon the specifications and requirements of the engineers of the railroad companies respectively concerned.

6. The depth of the floor has been limited to one foot in order to keep the contiguous embankments as low as may be.

7. The foundations of all walls and piers shall be of concrete of good quality; they may be placed at a greater depth below the surface than shown on the plan, if found desirable when the excavation for them has been made; to be determined by the engineer in charge of the work.

8. If necessary to go deeper than now contemplated the thickness of the walls should be correspondingly increased.

9. The retaining walls for the support of the side wall will be built of limestone, rock faced, with beds approximately parallel, without courses or cutting; laid in good cement mortar. They will extend along both sides of the street, to meet the curbs from each direction, ending at the points on the inclines where the curbs are 18 inches above the surface of the gutter. The foundations of these dwarf walls will rise by offsets so as to keep them substantially at the same depth below the pavement as shown in the section on the plan.

10. The abutments will be built of Amherst or Berea sandstone, rock faced, in courses, dressed on the beds and builds and joints for a depth of 18 inches from the face of the wall; laid in good cement mortar.

11. The piers will be built of Amherst or Berea Sandstone, cut everywhere except upon the front and rear faces, which will be rock faced, laid in good cement mortar. The caps will not be less than eighteen inches thick and drilled for bolts by which the bases of the posts supporting the bridges shall be secured to the piers. No stone in the piers will be less than fifteen inches thick, and all must be of the full area in plan, as shown in the drawing.

12. The pavement of Woodward avenue shall be of concrete covered with asphalt, to conform to the specifications of the city engineer; as shall also the concrete sidewalks, which throughout the length of the retaining walls shall extend over them to form a coping. The sidewalks shall be paved with an inclination towards the gutters, such as the city engineer shall direct.

13. There shall be metal gutters in the bridges, so arranged as to prevent all dripping, discharging by suitable spouts, into a ten inch sewer pipe extending through the length of the subway, under the sidewalks, and emptying directly into the sewer, in order that the warm air arising from it may keep the down spouts free from ice.

14. There shall be four catch basins, one at the foot of each incline in each gutter, of the arrangement and construction required by the city engineer connected to the sewer in the manner he may prescribe.

15. There shall be a screen, or fence of wire netting of No. 10 wire, 2½ feet high, extending between the posts of the bridge and along the coping of the retaining walls throughout their length to prevent foot passengers from falling over the sidewalks; where there are no bridge posts to support the screens, they shall be sustained by suitable iron stanchions laid in the retaining walls when they are built.

16. The tracks of the Electric Railway shall be re-constructed after the manner in which they are now built; the trolley wires shall be suspended from the trusses of the overhead bridges being very thoroughly insulated from them and from any chance of contact with them.

17. The gradient of the approaches under the said railroads shall be one foot in thirty.

CHARLES H. PAINE.

On the 27th day of March 1894, the above plans and specifications as perfected by Mr. Paine, consulting engineer, under the directions of the board, were adopted and filed with the city attorney, and which are now in process of enforcement through the courts as provided by law.

This becomes necessary that damages may be adjusted among the parties interested, and abutting property owners and that proper assessments may be made to defray the cost of construction etc., according to the benefits derived.

On March 27, 1894, petitions were presented to the board for separation of grades at the following points, viz:

One, for a separation of grades of Gratiot avenue and the Detroit, Grand Haven and Milwaukee Railways, the Grand Trunk Railway and the Lake Shore and Michigan Southern Railway at a point about one and one quarter miles easterly of Woodward avenue in the city of Detroit where said Gratiot avenue is crossed and intersected at grade by said railways;

One, for a separation of grades of Grand River avenue and the Detroit and Bay City (Michigan Central) Railway, the Lake Shore and Michigan Southern Railway and the Grand Trunk Railway at a point about two and one half miles westerly of Woodward avenue in the city of Detroit where said Grand River avenue is crossed and intersected at grade by the tracks of said railways;

One, for the separation of grades of Michigan avenue and the Lake Shore and Michigan Southern Railway and the Grand Trunk Railway at a point about three miles westerly of the Campus Martius in the city of Detroit where the said Michigan avenue is crossed and intersected at grade by the tracks of said railways; and

One, for the separation of grades of Michigan avenue and the Detroit and Bay City (Michigan Central) Railway at a point about one and one quarter miles easterly of the westerly limits of the city of Detroit where said Michigan avenue is crossed at grade by the tracks of said railway.

Several meetings of the board were held to consider the necessity of the above separations of grade and such meetings were largely attended by citizens, officers of the city and representatives of the several railroads interested.

After full consideration of these petitions and careful examination of questions bearing upon the same, the board found that such separations were necessary for the public benefit and so ordered.

Upon request of some of the authorities of the city of Detroit having the further enforcement of the orders of the Railroad and Street Crossing Board in charge, it was deemed advisable by a majority of such board to delay the preparation and filing of plans and specifications for such last named crossings until a decision of the courts had been secured upon the Woodward avenue crossing.

Therefore no plans, drawings or specifications have yet been prepared for the crossings on Gratiot avenue, Grand River and Michigan avenues, but the same are held in statu quo by the board ready for further action when it is thought the best interests of the public will be conserved thereby; and not later than a decision of the court upon the Woodward avenue separation.

Petitions were also presented to the board signed by numerous owners of real estate abutting on the Boulevard in the city of Detroit, praying the board to investigate the necessity for separations of grade at the following points:

One, at a point four-fifths of a mile east of Woodward avenue where the line of the said boulevard is intersected by the tracks of the Detroit and Bay City Railroad and the Grand Trunk Railroad;

One, at a point 1,200 feet north of Michigan avenue, where the line of said boulevard is crossed by the tracks of the Michigan Central Railroad, the Lake Shore & Michigan Southern Railroad, and the Grand Trunk Railroad; and

One, at a point 1,500 feet south of Michigan avenue where the line of said boulevard is crossed by the tracks of the Michigan Central Railroad.

These crossings were all carefully examined by the board and public hearings granted in their investigation, but no final action was taken in any of them, and they were held in abeyance until a decision of the court upon the Woodward avenue crossing, or until it should be deemed best for the public benefit that further action be taken. The point was raised upon the hearing of these petitions that the board had no jurisdiction of the same owing to the fact that at the points where separations of grades were asked, the boulevard had not yet been crossed by the railroads, and that the boulevard had only reached the railroads on either side, and that the board could only act upon crossings actually existing and not those in contemplation or in process of construction.

Much interest has been manifested in the work of the board by the citizens of Detroit, and the press has treated the matter with great consideration. The separations in question involved the entire system of railroad and street crossings in the city

of Detroit and the expenditure of many millions of dollars, and have properly been the subject of much study by the individual members of the board.

Systems of separation have been examined in other cities, their plans studied, and the information gathered upon the subject has been wide and varied. Many of the larger cities of the country are now proceeding to a separation of the grades of the railroads and streets within their limits, and it is believed that within a few decades at longest the dangers and inconvenience to the public and railroad interests will be relieved of the perils of grade crossings in these centers of population.

Although since the law took effect in this state no petitions have reached the board requiring their action outside the city of Detroit yet the law is general in its scope and covers crossings anywhere within the state.

The board has found in proceeding under the law that some amendments are necessary to render it more effective in particular instances, but these will no doubt be made by the coming legislature. All of which is respectfully submitted.

S. R. BILLINGS,

ROBERT GIBBONS,

MILO D. CAMPBELL.

Railroad and street crossing board.

STATEMENT

OF NEW RAILROAD CORPORATIONS FORMED AND REORGANIZATIONS,
AMENDMENTS OF OLD CHARTERS AND MISCELLANEOUS CHANGES
SINCE DATE OF THE LAST REPORT FROM THE COMMISSIONER
OF RAILROADS, AS SHOWN BY RETURNS FROM THE OFFICE
OF THE SECRETARY OF STATE, OCTOBER 1, 1894.

NEW CORPORATIONS.

MIDLAND & NORTHERN RAILWAY COMPANY.

Termini, center of Sec. 12, T. 15 N., R. 2 E. and Kawkawlin river.
Proposed length, 3 miles.
Capital stock, \$25,000.00
Articles filed, May 12, 1894.

THE PORT HURON & LEXINGTON RAILWAY COMPANY.

Termini, Port Huron and Lexington.
Proposed length, 20 miles.
Capital stock, \$200,000.
Articles filed, May 28, 1894.

REORGANIZATIONS.

GRAND RIVER VALLEY RAILROAD COMPANY.

Surrendered old charter and reorganized under the general railroad law.
Capital stock, \$1,000,000.
Articles filed, May 11, 1894.

SOUTH HAVEN & EASTERN RAILROAD COMPANY.

Reorganization of the Toledo & South Haven Railroad Company.
Capital stock, \$300,000.
Articles filed, May 23, 1894.

AMENDMENTS.

BOYNE CITY & SOUTH EASTERN RAILROAD COMPANY.

Old termini, Boyne City and Boyne Falls.
New termini, East Jordan and Alba.
Proposed length, 32 miles.
Capital stock, \$256,000.
Articles filed, August 27, 1894.

OFFICIAL ORDERS

ISSUED BY THE COMMISSIONER OF RAILROADS OF THE STATE OF
MICHIGAN, FROM NOVEMBER 29, 1893, TO NOVEMBER 29, 1894.

1893.

1. Nov. 29. To W. J. Hart, general manager of the Union Street Railway, Saginaw, E. S., Michigan.
Special order to raise electric wires strung across various railroad crossings in the city of Saginaw, Michigan.

2. Dec. 11. To F. A. Nims, president of the Muskegon Railway Company.
Special order to raise electric wires strung across various railroad crossings in the city of Muskegon, Michigan.

3. Dec. 11. To James R. Chapman, general manager of the Grand Rapids Consolidated Street Railway Company.
Special order to raise electric wires strung across various railroad crossings in the city of Grand Rapids, Michigan.

4. Dec. 11. To C. H. Osband, vice president of the Lansing Electric Street Railway Company.
Special order to raise electric wires strung across various railroad crossings in the city of Lansing, Michigan.

5. Dec. 28. To H. B. Ledyard, president of the Michigan Central Railroad Company, and James Houston, general superintendent of the Pontiac, Oxford & Northern Railroad Company.
Special order approving certain changes in interlocking device at the crossing of the two roads in the city of Oxford, Michigan.

1894.

6. Jan. 2. To W. H. Baldwin, Jr., general manager of the Flint & Pere Marquette Railroad Company, and W. B. Remington, lessee and manager of the Midland & Hubbard Railroad Company.
Special order approving interlocking device erected at the crossing of the two roads near Midland, Midland county, Michigan.

7. Jan. 3. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, and H. B. Ledyard, president of the Michigan Central Railroad Company.

Special order dispensing with night signalman at the crossing of the two roads at Emerson street, in the city of Saginaw, Michigan.

8. Jan. 15. To W. J. Spicer, general manager Chicago & Grand Trunk Railway Company, and W. H. Baldwin, Jr., general manager of the Flint & Pere Marquette Railroad Company.

Special order dispensing with night signalman at the crossing of the two roads at Maple street, in the city of Saginaw, Michigan.

9. Jan. 16. To E. E. Downs, superintendent of Kalamazoo Citizens Street Railway. Special order to raise electric wires strung across various railroad crossings in city of Kalamazoo, Michigan.

10. Jan. 16. To W. B. McKinley, president of the Bay Cities Consolidated Railway Company.

Special order to raise electric wires strung across various railroad crossings in the cities of Bay City and West Bay City, Michigan.

11. March 6. To Jacob Nielson, commissioner of highways, and Chas. M. Heald, general manager of the Detroit, Lansing & Northern Railway Railroad Company.

Special order of plans and specifications for highway crossing in township of Sidney, county of Montcalm, Michigan.

12. March 10. To J. H. P. Hughart, general manager of the Grand Rapids & Indiana Railroad Company, and Messrs. Kelly & Covell.

Special order permitting Messrs. Kelly & Covell to lay track across the Grand Rapids & Indiana Railroad track at Slights siding, Grand Traverse county, Mich.

13. March 28. To A. A. Hardy, commissioner of highways, and H. W. Ashley, general manager of the Toledo, Ann Arbor & North Michigan Railway Company.

Special order of plans and specifications for highway crossing in township of Boon, county of Wexford, Michigan.

14. March 28. To H. B. Ledyard, president of the Michigan Central Railroad Company, and A. C. Rorison, president of the Ypsilanti Electric Company.

Special order permitting electric company to string wires across Michigan Central Railroad tracks near Electric Power House, in the city of Ypsilanti, Michigan.

15. April 3. To H. B. Ledyard, president of the Michigan Central Railroad Company, and W. B. Remington, lessee and manager of the Midland & Hubbard Railroad Company.

Special order approving interlocking device erected at the crossing of the two roads near Midland, Midland county, Michigan.

16. April 4. To John C. Ranchholz, commissioner of highways, and Chas. M. Heald, general manager of the Detroit, Lansing & Northern Railroad Company.

Special order of plans and specifications for highway crossing in township of Richland, county of Saginaw, Michigan.

17. April 11. To George S. Leinbach, commissioner of highways, and John Newell, president of the Lake Shore & Michigan Southern Railway Company.

Special order of plans and specifications for highway crossing in township of Mottville, county of St. Joseph, Michigan.

18. April 12. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, and H. B. Ledyard, president of the Michigan Central Railroad Company.

Special order dispensing with night signalman at the crossing of the two roads at Lafayette street, West Bay City, Mich.

19. May 4. To H. B. Ledyard, president of the Michigan Central Railroad Company, and W. H. Baldwin, Jr., general manager of the Flint & Pere Marquette Railroad Company.

Special order modifying order of approval of interlocking plant at 26th street, Bay City, Michigan.

20. May 12. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, H. B. Ledyard, president of the Michigan Central Railroad Company, and John Newell, president of the Lake Shore & Michigan Southern Railway Company.

Special order modifying approval of interlocking plant at the crossings of the railroad tracks in the city of Lansing, Michigan.

21. May 12. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, and John Newell, president of the Lake Shore and Michigan Southern Railway Company.

Special order modifying approval of interlocking plant at the crossing of the two roads in the village of Schoolcraft, Michigan.

22. May 12. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, and Chas. M. Heald, general manager of the Detroit, Lansing & Northern Railroad Company.

Special order modifying approval of interlocking plant at the crossing of the two roads at Trowbridge, Michigan.

23. June 16. To B. F. Richardson, commissioner of highways, and H. W. Ashley, general manager of the Toledo, Ann Arbor & North Michigan Railway Company.

Special order of plans and specifications for highway crossing in the township of Redding, county of Clare, Michigan.

24. June 19. To S. Atwater, commissioner of highways, and Chas. M. Heald, general manager of the Chicago & West Michigan Railway Company.

Special order of plans and specifications for highway crossing in the township of Clyde, county of Allegan, Mich.

25. June 25. To H. B. Ledyard, president of the Michigan Central Railroad Company, and S. T. Crapo, acting general manager of the Flint & Pere Marquette Railroad Company.

Special order modifying approval of interlocking plant, at the crossing of the two roads at 26th street, Bay City, Michigan.

26. June 25. To Chas. M. Heald, general manager of the Chicago & West Michigan Railway Company, and J. H. P. Hughart, general manager of the Grand Rapids & Indiana Railroad Company.

Special order to station and maintain flagman at 11th street crossing in the city of Grand Rapids, Michigan.

27. June 26. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company, and Chas. M. Heald, general manager of the Chicago & West Michigan Railway Company.

Special order modifying approval of interlocking plant at the crossings of the two roads in the city of Muskegon, Michigan.

28. July 17. To H. W. Ashley, general manager of the Toledo, Ann Arbor & North Michigan Railway Company, and Cummer & Diggins.

Special order granting permission to construct a logging road across the T. A. A. & N. M. Rys. tracks near Cadillac, Michigan.

29. Aug. 15. To H. B. Ledyard, president of the Michigan Central Railroad Company, and W. J. Spicer, general manager of the Chicago & Grand Trunk Railway Company.

Special order modifying approval of interlocking plant at Belt Line Junction, city of Detroit, Michigan.

30. Aug. 22. To Michigan Central Railroad Company, Lake Shore & Michigan Southern Railway Company and Grand Trunk Railway Company.

Special order to station and maintain a flagman at Warren avenue crossing in the city of Detroit, Michigan.

31. Aug. 28. To John E. Smith, superintendent of Terminals, Fort street Union Depot Association.

Special order to station and maintain a flagman at West End avenue, township of Springwells, county of Wayne, Michigan.

32. Sept. 7. To Michigan Central railroad Co.

Special order to repair overhead crossing bridge in the city of Ann Arbor, Michigan.

33. Oct. 9. To Thomas McGregor, commissioner of highways, and S. T. Crapo, general manager of the Flint & Pere Marquette Railroad.

Special order for highway crossing in the township of Denver, county of Isabella, Michigan.

34. Sept. 28. To Fredrick Schaible, commissioner of highways, and W. H. Canniff, general superintendent of the Lake Shore & Michigan Southern Railway.

Special order for highway crossing in the township of Manchester, county of Washtenaw, Michigan.

35. Oct. 11. To J. H. P. Hughart, general manager of the Grand Rapids & Indiana Railroad.

Special order to station and maintain a flagman at Third street crossing, in the city of Kalamazoo, Michigan.

36. Oct. 11. To J. H. P. Hughart, general manager of the Grand Rapids & Indiana Railroad.

Special order to station and maintain a flagman at Vine street crossing in the City of Kalamazoo, Michigan.

37. Oct. 12. To Frank Wallace, commissioner of highways, and Chas. M. Heald, general manager of the Chicago & West Michigan Railway.

Special order for highway crossing, in the township of Olive, county of Ottawa, Michigan.

38. Oct. 20. To W. J. Spicer, general manager of the Chicago & Grand Trunk Railway, and Chas. M. Heald, general manager of the Chicago & West Michigan Railway.

Special order approving change in construction of interlocking plant in the city of Muskegon, Michigan.

39. Oct. 25. To H. B. Ledyard, president of the Michigan Central Railroad.

Special order to station and maintain a flagman at Elm avenue crossing in the city of Monroe, Michigan.

40. Oct. 25. To W. H. Canniff, general superintendent of the Lake Shore & Michigan Southern railway.

Special order to station and maintain a flagman at Monroe street crossing in the city of Monroe, Michigan.

41. Oct. 25. To Martin Kraus, commissioner of highways, and John M. Whitman, general manager of the Chicago & North Western Railway.

Special order for highway crossing, in the township of Menominee county, Menominee, Michigan.

42. Oct. 29. To E. F. Moore, mechanical engineer and John Doyle of Grand Rapids.

Special order of appointment of E. F. Moore and John Doyle as experts to inspect South Haven & Eastern Railroad.

43. Nov. 12. To H. F. Whitcomb, general manager Wisconsin Central Lines.

Special order of approval of Wisconsin Central Standard wooden surface cattle guard.

44. Nov. 12. To Albert R. Edison, commissioner of Highways, J. H. P. Hughart, general manager Grand Rapids & Indiana Railroad, and Chas. M. Heald, general manager Chicago & West Michigan Railway.

Special order of plans and specifications for the highway crossing in the township of Walker, county of Kent, Michigan.

45. Nov. 13. To Robert H. England, general manager South Haven & Eastern Railroad.

Special order for immediate repairs and reducing the speed of trains to 12 miles per hour on the South Haven & Eastern Railroad.

46. Nov. 16. To Martin Gibbs, commissioner of highways, and H. B. Ledyard, president Michigan Central Railroad.

Special order of plans and specifications for the highway crossing in the township of Eaton, county of Eaton, Michigan.

47. Nov. 19. To Chas. M. Heald, general manager Chicago & West Michigan Railway, and D. W. Caldwell, general manager Lake Shore & Michigan Southern Railway.

Special order approving interlocking device erected at the crossing of the two roads near Grandville, Kent county, Michigan.

48. Nov. 22. To general managers and superintendents of railroads in the state of Michigan.

Special order granting railroad companies authority to use Kitzelman's woven wire fence for fencing their respective rights of way.

CIRCULARS.

STATE OF MICHIGAN,
OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, July 2, 1894.

To General Managers and Superintendents of Railroads in the State of Michigan:

Application having been made by W. H. Baldwin, Jr., general manager of the F. & P. M. R. R., also by Chas. Stein, superintendent of the T., A. A. & N. M. R'y, for the official approval of the Q. & C. Cattle Guard, for use on their respective roads, pursuant to the provisions of section 15, act No. 198, of the session laws of 1873, and acts amendatory thereof, as amended by act No. 26, session laws of 1889. And the undersigned, Commissioner of Railroads in and for said State, aforesaid, having made a careful examination of said cattle guard, and become fully satisfied of its practical value, and that it meets the requirements of the laws of this State, in accordance with the true spirit and intent thereof.

Therefore, The said Q. & C. Cattle Guard is hereby approved, and authorized to be used upon all railroads in this State from and after the date hereof.

In witness whereof, I have hereunto set my hand, and caused the seal of the department to be affixed at the capitol in the city of Lansing, this 2d day of July, A. D. 1894.

SIMEON R. BILLINGS,
Commissioners of Railroads.

STATE OF MICHIGAN,
OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, August 9, 1894.

To General Managers and Superintendents of Railroads in the State of Michigan:

Application having been made by W. D. Williams, chief engineer of the Cincinnati, Jackson & Mackinaw Railway, for the official approval of the William's Wooden Slat Surface Cattle Guard, pursuant to the provisions of section 15, act No. 198, of the session laws of 1873, and acts amendatory thereof, as amended by act No. 26, session laws of 1889. And the undersigned, Commissioner of Railroads in and for said State aforesaid having made a careful examination of said cattle guard, and become fully satisfied of its practical value, and that it meets the requirements of the laws of this State, in accordance with the true spirit and intent thereof,

Therefore, The said William's Wooden Slat Surface Cattle Guard is hereby approved, and authorized to be used upon all railroads in this State from and after the date hereof.

In witness whereof, I have hereunto set my hand, and caused the seal of the department to be affixed at the capitol in the city of Lansing, this 9th day of August, A. D. 1894.

SIMEON R. BILLINGS,
Commissioner of Railroads.

OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, Mich., September 12, 1894.

To General Managers and Superintendents of Railroads in the State of Michigan:

A large number of complaints have come to this department stating that fires have been set by locomotives along the tracks of railroads in this State during the extreme dry season, which have destroyed much property and endangered human life.

With a view of gathering facts and suggestions as to the best appliances which can be used to prevent or lessen the liability of setting fires, I send out this circular letter to all railroad companies doing business in this State, and respectfully ask your co-operation in devising means and methods best adapted to prevent locomotives from setting fires, and any information you may give relative to the matter will be thankfully received. * I herein submit to you such questions as I desire you to answer and return to this department with the privilege of using the same in my annual report for 1894.

By answering the attached questions and adding any information you may wish on the subject matter, you will greatly oblige,

Yours respectfully,

SIMEON R. BILLINGS,

Commissioner of Railroads.

STATE OF MICHIGAN. }
 OFFICE OF THE COMMISSIONER OF RAILROADS, }
Lansing, Mich., Nov. 4, 1894.

To Officials of Railroads, Street Railways and Corporations, or persons owning or constructing tracks or wire lines across the tracks of Railroads in this State:

I desire to call your attention to the provisions of Act No. 171, Session Laws of 1893:

[No. 171.]

AN ACT to regulate the construction of the tracks of railroads and street railroads across each other, and the stringing of wires, electric or other, over railroad tracks, and relative to the maintenance of such tracks heretofore so constructed and wires heretofore so strung.

SECTION 1. *The People of the State of Michigan enact*, That it shall hereafter be unlawful for any railroad company to construct its tracks across the tracks of any street railroad, or for any street railroad company, whether operated by horses, cable, electricity, or other motive power, to construct its tracks across the tracks of any railroad company until the place where and the manner in which such crossing shall be made shall have been approved by the commissioner of railroads.

SEC. 2. Any railroad company or street railroad company desiring to make any such crossing shall give the company whose tracks are to be crossed notice in writing of the place where and the manner in which it desires to make such crossing, and the place where and the time when it will apply to the commissioner of railroads for approval thereof, which notice shall be served at least ten days before the hearing of the proposed application.

SEC. 3. Such crossings shall, in all cases where the commissioner of railroads deems it reasonably practicable, be made otherwise than at grade, in accordance with plans to be approved by said commissioner; and when made at grade said commissioner shall prescribe the safeguards which shall be provided by the company desiring to make such crossing, to prevent accidents thereat.

SEC. 4. It shall hereafter be unlawful for any corporation or person to string any wire, electrical or other, over the tracks of any railroad company, except at such places and in such manner as shall be approved by the Commissioner of Railroads, and any corporation or person desiring to so string any wire shall give the railroad company notice in writing of the place where and the manner in which it desires to string the

* Questions referred to, will be found in the report of mechanical engineer.

same, and the place where and the time when it will apply to the commissioner of railroads for his approval as above required, which notice shall be served at least ten days before the time of hearing of such application.

SEC. 5. The commissioner of railroads shall, as soon as possible after the passage of this act, examine the crossings of the tracks of railroads and street railroads then existing, and order such changes made in the manner of such crossings, or such safeguards for protection against accidents to be provided thereat, as in his judgment ought to be so made or provided; and shall apportion any expense incident thereto between the companies affected as he may deem just and reasonable.

SEC. 6. Said commissioner shall also, as soon as possible after the passage of this act, either by personal examination or otherwise, obtain information as to all places where the tracks of railroads are crossed by wires strung over said tracks, and wherever, in his judgment, such wires should be raised to a greater height or other thing done with reference thereto, to guard against accidents, he shall order such change or changes to be made, and shall apportion any expense incident thereto between the companies or persons affected as he may deem just and reasonable: *Provided*, That in no case shall the height of any wire strung across such railroad [tracks] track be less than twenty-two feet from the established grade of said railroad tracks.

SEC. 7. It shall be the duty of every corporation and person to whom an order made by the commissioner of railroads under this act shall be directed, to comply with such order in accordance with its terms, and for any neglect to so comply therewith any such corporation or person shall be liable to a penalty of one hundred dollars and to a like penalty for every ten days during which said neglect shall continue. Any such penalty may be recovered in an action of assumpsit brought in the name of the people of this State, and it shall be the duty of the prosecuting attorney of the proper county to bring any such action at the request of the commissioner of railroads.

Approved May 31, 1893.

In pursuance of the provisions of this act, this department has made every effort to discharge the considerable additional duty imposed. It has been found very difficult to locate all the wire lines crossing the tracks of railroads, and in many cases the wires are found to be insecurely put up, so that in case of breakage from any cause they are an element of great danger.

I desire your co-operation and assistance in maintaining a strict compliance with above act, and that hereafter no crossing of tracks or wires be made except as provided therein.

At Street Railway crossings with Steam Railroad tracks as previously constructed and maintained, derailling appliances will be ordered, when the necessity is apparent from natural causes, or when the law requiring street cars to be brought to a full stop before crossing, is not strictly complied with.

To render the present construction of Electric Light, Telegraph or Telephone lines across railroad tracks safe and efficient, I submit specifications showing construction required at all crossings of such wire lines.

I. All poles bearing Electric Light Wires, or other extra hazardous wires, when crossing railroad tracks in the State, shall not be set further apart than sixty (60) feet at such Railroad Crossing. Should necessity require poles to be set further apart, specifications will be furnished by the Commissioner of Railroads.

II. All poles bearing Telegraph or Telephone wires, when crossing such railroads shall not be set further apart than one hundred (100) feet at such Railroad Crossing: *Provided*, If such Railroad Company shall consider one hundred (100) feet span unsafe, then upon notice the Commissioner of Railroads will specify the distance apart poles shall be set.

III. All poles bearing wires at crossings of railroads shall be double cross armed; such cross arms shall be placed upon the pole in a gain cut not less than one and one-quarter ($1\frac{1}{4}$) inch deep and fastened with two bolts.

IV. All cross arms at Railroad Crossings shall be equipped with steel pins, and wires shall be securely fastened to each pin.

V. All poles at Railroad Crossings, when wires angle, shall be securely guyed. Guys shall be made of not less than two No. 9 guage wires.

VI. At any Railroad Crossing where it shall be impracticable to place poles one hundred (100) feet or less apart, the Commissioner of Railroads will furnish specifications for construction at such crossing.

An early compliance with the conditions contained herein, is earnestly requested.

SIMEON R. BILLINGS,

Commissioner of Railroads.

EXPENSE ACCOUNT

Of the Department from October 1, 1893 to October 1, 1894.

Printing and binding*.....	\$1,605 71
Incidentals.....	16 50
Postage.....	100 00
Express.....	121 07
Telegraph and telephone.....	53 05
Traveling.....	656 18
Stationery.....	62 89
Maps.....	195 00
Library.....	30 00
	<hr/>
	\$2,840 40

*This amount shows an increase over the previous year and is accounted for as follows: Compiling and printing railroad laws for 1891 and 1898; printing rules and specifications governing interlocking devices, and compiling and printing in book form "Extracts from Railroad Laws of Michigan" for the use of trainmen. The latter are supplied to railroads at cost, nine cents per copy, and thirteen hundred have already been sold to them and the money paid in to the state treasurer.

TABULAR STATEMENT

TABULAR STATEMENT.

TAXES PAYABLE JULY 1, 1904.

Lane No.	Railroads.	Miles of road in Michigan upon which taxes are based.	Gross earnings as reported for Michigan.	Gross earnings per mile of road operated in Michigan.	Per cent of taxation on taxable income.	Total taxes assessed for Michigan.	Taxes per mile of road operated in Michigan.
0	Alpena & Northern.....c	38	\$1,276 16	\$33 60	2	\$2,850 41	\$36 31
1	An Sable & Northwestern.....c	106	141,530 31	1,310 88	2		
2	Bay City Belt Line.....c	8	4,700 14	537 53	2.89	7,043 39	118 61
3	Bay City & Southwestern.....c	59.37	2,907,399 83	4,854 86	3.23	93,586 99	419 16
4	Chicago & Grand Trunk.....c	224	13,514 26	1,310 78	2	1,070 26	24 31
5	Chicago, Detroit & C. G. T. Junction.....c	44.30	191,116 96	1,242 63	2	3,323 34	24 35
6	Chicago, Kalamazoo & Saginaw.....c	153.80	2,307,101 24	4,426 60	2.32	53,577 34	103 80
7	Chicago, Milwaukee & St. Paul.....c	521.19	1,633,261 01	3,137 05	2.32	36,105 88	80 68
8	Chicago & Northwestern.....c	447.54	144,470 82	1,569 33	2		
9	Chicago & West Michigan.....c	92.63	381,243 50	1,328 32	2	6,634 37	35 45
10	Cincinnati, Jackson & Mackinaw.....c	172.18	105,741 90	3,127 31	2.15	3,913 35	68 18
11	Cincinnati, Saginaw & Mackinaw.....c	13	105,941 79	3,154 51	2.15	2,990 34	68 85
12	Cleveland, Cincinnati, Chicago & St. Louis.....c	33.40	380,476 13	1,817 55	2	7,499 52	36 86
13	Detroit, Bay City & Alpena.....c	209.30	1,127,399 07	5,364 54	2.23	25,171 40	133 18
14	Detroit, Grand Haven & Milwaukee.....c	189			2.22	26,790 13	80 23
15	Detroit, Lansing & Northern.....c	338.72	1,305,098 20	3,611 09	2.22		
16	Grand Rapids, Lansing & Detroit.....c				2.24	40,991 87	35 71
17	Saginaw & Western.....c	475.24	1,830,970 90	3,828 36	2.24	50,575 96	63 70
18	Duluth, South Shore & Atlantic.....c	792.84	2,840,174 22	2,951 63	2.16	41,962 56	116 50
19	Flint & Pere Marquette.....c	386.19	1,885,941 89	4,835 46	2.32	2,921 46	70 23
20	Grand Rapids & Indiana.....c	36.85	131,568 40	3,571 19	2.01	1,063 85	40 54
21	Muskegon, Grand Rapids & Indiana.....c	26	133,958 11	2,086 55	2.01	4,708 80	154 02
22	Traverse City.....c	30.54	156,745 35	6,114 78	2.62	693 45	27 24
23	Indianapolis & Lake Michigan.....c	25.05	34,132 61	1,362 18	1	46,743 60	249 55
24	Lake Shore & Michigan Southern System.....c	187.80	4,663,163 89	24,912 73	1	593 53	15 55
25	Detroit & Chicago.....c	57.65	44,827 77	771 58	2	844 16	13 95
26	Detroit, Hillsdale & Southwestern.....c	65.20	43,307 77	647 36	2	15,076 00	275 80
27	Detroit, Monticello & Toledo.....c	54.67	513,624 94	9,365 01	2.06	1,169 13	37 41
28	Fort Wayne, Jackson & Toledo.....c	44.84	53,309 19	1,570 44	2	3,170 85	60 08
29	Kalamazoo, Alton & Grand Rapids.....c	59.43	150,301 84	3,571 07	2.11	2,195 36	31 51
30	Kalamazoo, White Pigeon.....c	86.57	102,438 50	2,801 16	2.14	1,923 33	8 34
31	Norfolk Central Michigan.....c	61.14	98,831 32	1,575 59	2	86 88	20 18
32	Sturgis, Goshen & St. Louis.....c	10.55	4,343 81	411 74	2	253 30	24 56
33	Lowell & Hastings.....c	12.50	12,614 98	1,009 19	2	685 90	64 67
34	Manitowish & Grand Rapids.....c	27.93	24,265 16	1,327 89	2.11	1,453 38	14 76
35	Manitowish & Northwestern.....c	66.63	177,513 32	2,598 91	2	833 45	39 44
36	Manitowish & Northwestern, supplementary.....c	17.86	27,186 08	1,519 37	2	184,080 35	606 71
37	Manitowish.....c	50.50	74,419 22	1,473 64	2	231 71	11 84
38	Mason & Ocean.....c	27	19,918 92	1,373 73	2		12 87
39	Michigan Air Line Railway.....c	106.60	176,573 40	1,673 93	2		
40	Michigan Central System.....c	331	5,624,773 44	28,451 46	2.39		
41	Battle Creek & Sturgis.....c	33.80	30,013 32	693 98	2		
42	Bay City & Battle Creek.....c	13	11,585 30	643 64	2		

COMMISSIONER OF RAILROADS.

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45	Canada Southern Bridge	3.06	1,508 69	425 43	3 26	31 87	9 71
46	Detroit & Bay City	155	780,513 59	4,713 15	2 36	17,366 30	2 36
47	Grand River Valley	58.79	354,335 96	3,033 01	4.91	14,994 00	175 23
48	Jackson, Lansing & Saginaw	821.90	1,586,103 91	4,329 83	2.31	23,356 09	99 96
49	Kalamazoo & South Haven	89.50	59,189 10	1,498 46	3	1,183 78	29 87
50	Michigan Air Line R. R.	109.10	265,634 58	2,353 30	2.07	5,234 61	43 81
51	Michigan Midland & Canada	14.68	7,347 41	500 51	3	146 96	10 01
52	Saginaw Bay & Northwestern	80.13	53,374 03	639 36	3	1,057 49	13 30
53	Saginaw Bay & North-western	47.27	573,961 26	14,257 43	3.30	23,341 05	470 26
54	Toledo, Canada, Southern and Detroit.						
55	Mineral Range	23.06	115,930 63	5,032 56	2.40	2,785 33	120 65
56	Minneapolis, St. Paul & Sault Ste. Marie	196.28	754,575 93	3,787 46	2.33	16,373 10	64 69
57	Pontiac, Oxford & Northern	100.20	126,443 83	1,344 43	2	2,568 86	25 69
58	Saginaw, Tuscola & Huron	66.57	123,729 10	1,911 04	2	2,514 53	38 34
59	Saginaw Valley & St. Louis						
60	Saginaw & Grand Rapids	45.10	92,554 18	1,052 30	2.01	1,863 85	41 04
61	St. Clair Tunnel	1.12 1/4	124,739 75	110,579 77	3.91	4,377 09	4,336 19
62	St. Joseph Valley	10	1,308 43	180 84	2	36 16	3 62
63	Toledo, Ann Arbor & Northern Michigan	296.78	1,017,636 06	3,429 60	2.21	22,474 58	75 74
64	Toledo, Saginaw & Muskegon	98	107,036 40	2,160 57	2	2,160 57	22 51
65	Toledo & South Haven	36.60	23,249 29	635 26	2	464 99	12 70
66	Wabash	80.50	476,051 71	5,913 65	2.51	11,866 55	147 41
67	Wisconsin Central (Gagebic & Montreal Riv.)	13.90	84,161 97	1,507 51	2	639 23	86 15
68	Detroit, Union R. R. Depot & Station Co.	3.94	163,544 07		2.50	4,068 60	1,324 13
69	The Fort St. Union Depot Co.	1.41	114,403 45		2.50	2,960 31	2,028 32
	Total commercial roads	7,454.69 1/4	\$86,094,514 09	\$4,541 85	2,2285	\$804,364 78	\$107 90
	ORE AND FOREST ROADS.						
1	Beaer Lake & Eastern	18	\$7,339 86	\$435 53	2	\$156 80	\$5 71
2	Crawford & Manistee River	18	8,734 83	573 45	2	174 70	17 46
3	Dead River						
4	Hecula & Torch Lake	7.50	96,445 89	13,126 13	3.24	3,157 84	425 05
5	Lake County	11	5,385 56	469 59	2	107 71	9 79
6	Manistee & Lanthier	63	71,412 06	1,133 53	2	1,425 24	33 67
7	North Branch and Sable River	10	9,070 80	907 06	2	181 42	15 14
8	Quincy & Torch Lake	6	24,263 24	4,043 04	2.26	547 57	91 26
	Total ore and forest roads	126.50	\$235,141 24	\$1,751 29	2,5696	\$5,784 28	\$45 01
	Sault Ste. Marie Bridge Co., 1893					\$807 59	
	Total all roads, 1893	7,583.19 1/4	\$86,319,655 33	\$4,789 49	2,2381	\$811,055 05	\$108 83
	Manistee & Grand Rapids, 1891	23.53	\$18,582 13			\$377 84	
	Manistee & Grand Rapids, 1892	27.36	\$8,192 19			763 84	
	Total					\$812,197 73	

a Special charter. b Included in D, S, S. & A. c Includes M. L. S. W. d Includes M. & N. and O. & B. R.
 f Included in F. & P. M. g Exempt north of 44 parallel. h Included in C. & N. W.

TABULAR STATEMENT.

SUMMARY FROM ANNUAL REPORTS OF 1893 AND 1894 COVERING THE CALENDAR YEARS 1893 AND 1894 RESPECTIVELY.

	1892.	1893.	Increase.	Decrease.	Per cent of increase.	Per cent of decrease.
Length of roads owned, miles.....	15,133.59	20,989.40	5,855.81		38.69	
Length of road operated, miles.....	17,144.35	22,995.16	5,850.81		34.13	
Length of roads in Michigan, miles.....	7,447.275	7,511.886	64.66		.87	
Length of second track in Michigan, miles.....	141.50	141.50				
Length of sidings in Michigan, miles.....	1,980.95	2,056.14	75.19		3.79	
Computed as single track in Michigan, miles.....	9,579.455	9,939.475	360.02		3.75	
Capital stock paid in.....	\$372,761,847 00	\$431,973,001 97	\$59,211,154 97		15.88	16.45
Paid in per mile of road.....	24,631 42	20,590 53		\$4,060 89		
Total funded debt.....	488,203,945 12	608,118,363 63	119,914,418 51		24.55	
Total floating debt.....	32,642,023 25	40,810,372 11	8,168,348 86		25.01	
Total debt.....	480,845,968 37	648,928,735 74	168,082,767 37		34.76	
Average debt per mile of road owned.....	32,434 20	30,931 45		1,513 75		4.97
Total stock and debt.....	\$893,607,814 47	\$1,078,896,735 74	\$185,288,921 27		20.83	
Stock and debt per mile of road.....	\$7,085 63	\$1,401 96		5,683 64		9.93
Total cost of roads and equipment.....	\$14,451,223 55	\$1,019,703,323 66	\$1,005,252,100 11		69.59	
Cost per mile of road.....	\$3,810 84	\$43,631 66		5,329 16		9.73
Proportion of cost for Michigan.....	\$86,639,911 98	\$98,952,986 64	\$12,313,074 66		1.14	
Earnings:						
Passenger.....	\$28,614,021 14	\$43,630,290 64	\$15,016,269 50		52.51	
Express.....	2,076,349 45	2,302,784 25	226,434 80		10.90	
Mail.....	8,134,149 48	4,450,550 24		1,845,400 78	43.96	
Freight.....	76,413,040 20	93,000,392 42	16,587,352 22		21.75	
Other sources.....	489,477 70	\$81,503 72	\$82,025 02		80.09	
Total traffic earnings.....	\$110,727,037 97	\$144,914,019 27	\$34,186,981 40		30.88	
Earnings per mile of road.....	\$6,453 51	\$6,876 97		\$31 54		1.26
Earnings per train mile, passenger.....	1 06.40	1 10.08	\$0 01.68			
Earnings per train mile, freight.....	1 46.30	1 23.31		17.99		
Earnings per train mile for all trains earning revenue.....	1 22.10	1 22.59		49.51		
Earnings in excess of operating expenses.....	\$1,780,704 55	\$9,859,940 08	\$8,079,235 53		38.43	
Receipts in addition to traffic earnings.....	1,079,183 57	1,712,619 88	633,436 31		58.70	
Total receipts from operation.....	\$111,806,191 54	\$146,826,689 25	\$35,020,497 71		31.14	11.76
Income from sources other than operating.....	\$63,609 25	\$61,323 15		\$101,367 10		
Total income for 1893.....	\$112,666,800 79	\$147,387,861 40	\$34,719,060 61		30.83	

COMMISSIONER OF RAILROADS.

iii

Operating expenses:	\$16,907,708 08	\$20,523,717 87	\$2,615,909 44	31.29
Maintenance of way.....	11,330,083 01	17,100,096 87	5,769,943 56	51.15
Maintenance of rolling stock.....	40,381,950 05	53,584,356 93	13,203,336 87	31.57
Conducting transportation.....	9,788,672 33	13,546,378 18	3,757,695 85	38.63
General expenses and taxes.....				
Total operating expenses.....	\$79,946,363 43	\$105,054,079 84	\$25,107,745 93	38.07
Operating expenses per mile of road.....	\$4,604 80	\$4,568 98	\$85 87	
Operating expenses per train mile.....	94.28	87.79	66.44	
Operating expenses per cent of receipts from operation.....	71.80	71.66	.35	.76
Interest and rentals, total.....	25,578,047 29	33,015,428 01	\$7,787,378 73	30.61
per mile of road operated.....	1,474 43	1,435 88	38 14	
per train mile.....	40.17	37.64	2 13	
per cent of receipts from operation.....	22.83	22.51	00.82	
Operating expenses, interest and rentals.....	104,324,380 71	138,069,505 35	33,945,124 64	33.47
per mile of road operated.....	6,079 32	6,004 81	74 41	
per train mile.....	1 24.40	1 31.43	68.97	
per cent of receipts from operation.....	94.13	91.16	.68	
Train mileage.....				
Passenger.....	31,394,241	46,847 516	15,553,575	46.47
Freight.....	52,458,870	72,645,193	20,159,323	38.49
Total earning revenue.....	88,780,111	119,492,009	35,712,898	43.63
Traffic, passenger:				
Whole number of passengers carried.....	40,355,149	53,916,571	13,561,423	38.61
Whole number carried one mile.....	1,311,966,019	2,331,976,080	1,020,060,011	77.75
Average distance traveled by each, miles.....	33 51	43.25	10.74	
Average rate of fare per mile.....	\$0 02.18	\$0 01.87	00.31	
Traffic, freight:				
Total tons moved.....	75,642,091	79,649,152	4,007,061	5.30
Total moved one mile.....	10,848,366,703	12,203,926,980	1,354,970,187	14.60
Average ton haul, miles.....	140.76	153.23	12.44	
Average rate per ton per mile.....	\$0 00.721	\$0 00.763	\$0 00.041	
Total taxes for Michigan.....	\$983,762 01	\$811,056 65	\$62,705 98	9.35
Total income for Michigan.....	35,688,203 94	36,432,718 97	2,350,484 97	5.33
Total expenses for Michigan.....	28,082,189 20	29,619,779 53	\$1,537,591 32	5.46

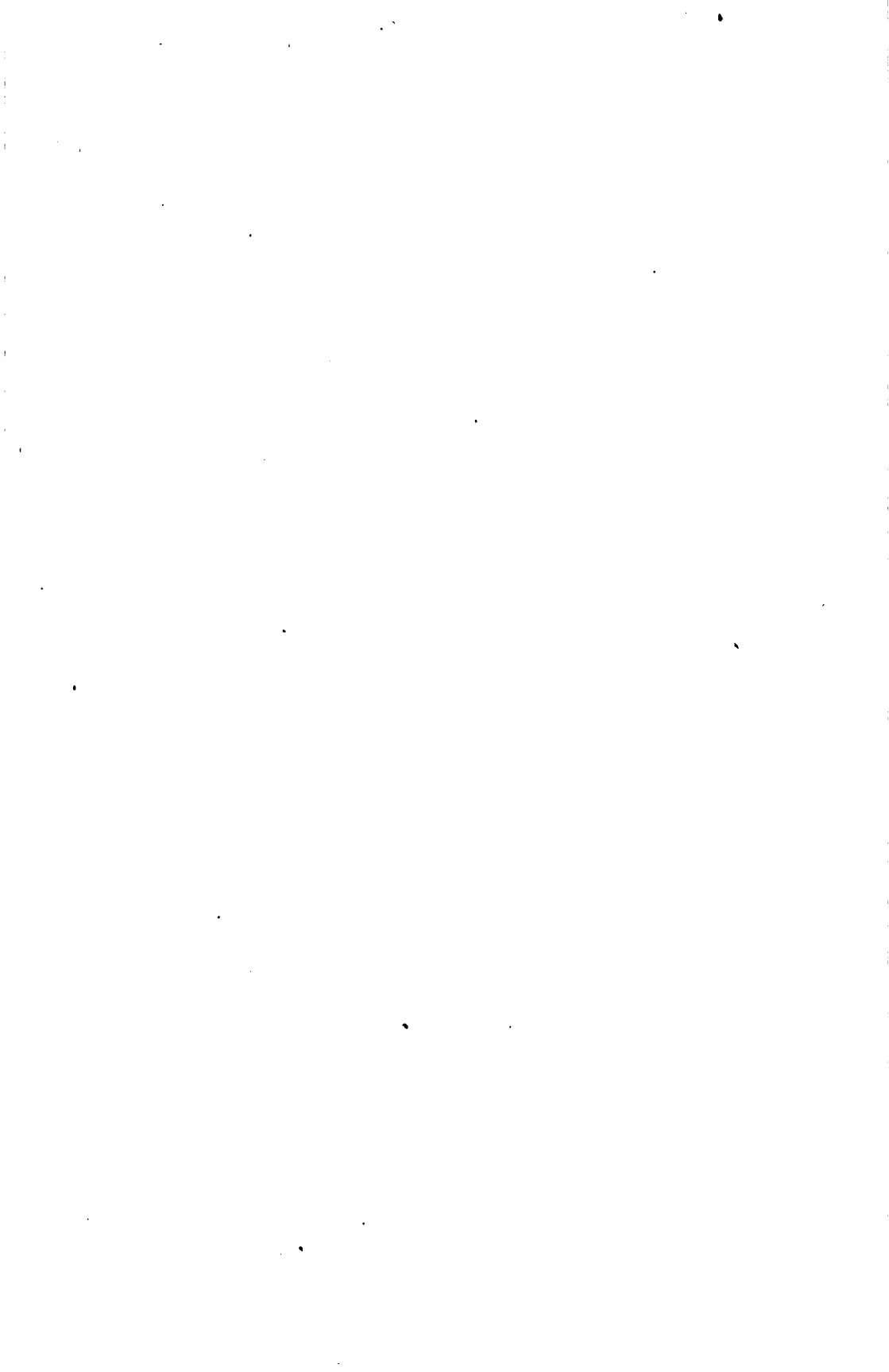
TABULAR STATEMENT.

COMPARATIVE SUMMARY OF ANNUAL REPORTS FOR FIVE YEARS, 1889 TO 1893, INCLUSIVE.

	1889.	1890.	1891.	1892.	1893.
Total length of roads and branches, miles.....	12,267.06	12,729.07	13,223.94	15,128.59	20,899.40
Total length of railroads in Michigan, miles.....	6,759.55	6,944.28	7,274.94	7,447.97	7,511.58.5
Total length of double track, miles.....	120.00	140.51	141.16	141.50	141.50
Total length of sidings, miles.....	1,775.44	1,984.10	1,808.66	1,980.86	2,069.14
Capital stock paid in.....	\$358,949,272.84	\$338,199,083.70	\$331,293,888.98	\$372,761,947.00	\$481,972,001.97
Capital stock paid in per mile of road.....	24,177.06	26,019.28	25,098.57	24,681.42	20,590.53
Total funded debt.....	393,963,187.01	398,590,260.10	396,416,755.30	458,203,945.12	606,113,355.63
Total unfunded debt.....	25,240,260.19	27,085,669.77	37,371,915.12	33,643,023.25	40,510,372.11
Total debt.....	421,708,577.20	416,853,528.87	435,788,670.32	490,846,968.47	646,623,727.73
Total debt per mile of road.....	33,757.00	32,768.92	32,935.45	32,484.20	30,321.45
Total stock and debt.....	777,632,550.04	750,281,083.76	767,668,559.30	833,607,814.47	1,078,596,729.70
Total stock and debt per mile of road.....	62,807.53	59,125.35	58,054.05	57,066.62	51,401.98
Total cost of roads and equipment.....	690,005,646.56	699,401,821.15	704,504,197.04	814,351,228.55	1,019,700,395.66
Total cost of roads and equipment per mile.....	55,207.63	53,075.47	53,306.83	53,810.84	48,531.65
Proportion of cost for Michigan.....	298,720,770.83	281,305,724.55	277,101,897.57	296,639,911.98	298,993,986.64
Earnings:					
From passengers.....	\$23,482,870.24	\$22,030,079.10	\$25,409,645.69	\$28,614,021.14	\$43,639,269.64
From mail.....	2,491,798.00	2,478,679.48	2,512,067.79	3,134,149.48	4,490,550.24
From express.....	1,660,429.98	1,761,159.32	1,797,888.80	2,076,349.45	2,802,784.35
From freight.....	59,132,921.86	63,942,047.87	65,251,790.89	76,413,040.20	93,009,893.43
From other sources.....	451,706.20	453,315.23	505,593.90	459,477.70	881,502.73
From operating receipts other than for traffic.....				1,079,168.57	1,712,619.98
Total receipts from operation.....	\$87,219,726.23	\$92,340,768.27	\$95,777,886.57	\$111,806,191.54	\$146,638,939.25
Earnings per mile of road.....	\$5,924.22	\$6,265.11	\$6,273.76	\$6,468.51	\$6,976.97
Earnings per train mile, passenger trains.....	1 04.04	93.80	1 06.8	1 08.40	1 10.08
Earnings per train mile, freight trains.....	1 38.02	1 24.8	1 46.4	1 46.30	1 28.31
Earnings per train mile, all trains.....	1 22.19	1 13.3	1 38.2	1 32.10	1 22.59
Earnings above operating expenses.....	\$23,604,871.83	\$29,505,342.06	\$29,747,013.85	\$31,780,704.55	\$39,559,940.08
Receipts in addition to earnings.....	\$926,985.10	\$1,756,083.56	\$1,546,637.15	\$632,609.25	\$761,222.15
Total income for the year.....	\$28,146,594.36	\$34,060,566.83	\$37,324,513.75	\$112,698,800.79	\$147,387,861.40

COMMISSIONER OF RAILROADS.

Operating expenses, maintenance of way and buildings.....	\$12,326,310 77	\$12,833,031 60	\$12,715,324 49	\$16,907,753 03	\$30,533,717 67
Operating expenses, motive power and cars.....	10,231,056 23	9,960,346 85	10,063,735 06	11,330,053 01	17,109,664 87
Operating expenses, conducting transportation.....	32,109,257 55	31,560,241 84	34,314,353 97	40,833,563 06	52,364,889 93
Operating expenses, general expenses.....	8,867,680 29	9,543,090 35	8,143,469 21	9,753,673 83	13,566,375 13
Total operating expenses.....	\$64,514,854 93	\$63,956,091 54	\$68,080,872 72	\$78,946,838 43	\$105,084,079 34
Operating expenses per mile of road.....	\$4,838 01	\$4,361 03	\$1,325 24	\$4,604 80	\$1,568 93
Operating expenses per train mile.....	58.94	78.3	91.78	94.23	87.79
Operating expenses, per cent of earnings.....	71.08	69.17	68.94	71.30	71.65
Interest and rentals, total.....	\$33,758,757 88	\$32,317,436 43	\$21,110,457 39	\$25,278,047 29	\$33,015,426 01
Interest and rentals per mile of road operated.....	1,615 80	1,519 16	1,352 30	1,474 42	1,436 88
Interest and rentals per train mile.....	33.30	27.4	29.89	30.17	27.64
Interest and rentals per cent of earnings.....	27.37	24.17	22.04	22.83	23.51
Total operating expenses, interest and rentals.....	\$68,408,612 88	\$65,243,872 97	\$89,141,330 11	\$104,224,885 71	\$138,099,505 35
Operating expenses, interest and rentals per mile of road.....	\$6,008 81	\$5,270 18	\$5,708 04	\$6,079 23	\$6,004 81
Operating expenses, interest and rentals per train mile.....	1 27.24	1 06.7	1 21.3	1 24.40	1 15.48
Operating expenses, interest and rentals, per cent of earnings.....	1 01.35	98.34	90.96	94.13	94.16
Average rate of fare per passenger per mile.....	\$0 03.43	\$0 02.37	\$0 02.33	\$0 02.18	\$0 01.37
Average rate per ton per mile.....	00.754	00.709	00.844	00.751	00.763
Total taxes for Michigan.....	757,324 94	813,000 63	854,384 12	898,762 01	811,066 65
Total income for Michigan.....	24,001,756 99	26,596,431 85	26,419,053 51	29,693,208 94	36,432,713 97
Total expenses for Michigan.....	22,655,308 83	25,307,037 89	26,696,178 67	28,063,185 30	29,619,779 53



REPORTS OF

RAILROAD COMPANIES

1893.

ANNUAL REPORT
OF THE
ALPENA & NORTHERN RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed June 2, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, R. A. ALGER, Detroit, Mich.
Vice President, M. S. SMITH, Detroit, Mich.
Secretary, J. C. McCAUL, Detroit, Mich.
Auditor, G. H. STALKER, Detroit, Mich.
Treasurer, M. S. SMITH, Detroit, Mich.
General Superintendent, JOHN MILLEN, Black River, Mich.

DIRECTORS.

R. A. ALGER, Detroit, Mich.
M. S. SMITH, Detroit, Mich.
J. C. McCAUL, Detroit, Mich.
R. K. HAWLEY, New York, N. Y.
JOHN MILLEN, Black River, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Nov. 1, 1893.
Number of stockholders at date of last election: Eight.
Number of stockholders in Michigan at same date: Five.
Amount of full paid stock held in Michigan at same date: \$264,833.34.
Fiscal year of company ends: December 31.
General offices of the company are located at Detroit, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$1,876 16
Total expenses, including taxes.....	\$1,549 17	
Net income or deficit		\$326 99
Balance applicable to dividends.....		\$326 99
Balance for the year		\$326 99
Balance forward to next year.....		\$326 99

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$700,000 00
Par value of shares	\$100 00	
Number of shares issued.....	3,500	
Amount paid in on common.....		\$350,000 00
Total amount paid in, as per books of the company		350,000 00
Paid in per mile of road owned by company, 36 miles.....		10,000 00

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For miscellaneous.....	\$23 69
Total unfunded debt.....	<u>\$23 69</u>

RECAPITULATION.

Total unfunded debt.....	\$23 69
Total debt liabilities.....	<u>\$23 69</u>
Amount of debt liabilities per mile of road, \$5 miles.....	52
Total amount of stock and debt.....	\$50,023 69
Stock and debt per mile of road, \$5 miles.....	<u>10,000 52</u>

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$350,000 00
Other assets:	
Debit balances from companies and individuals.....	555 68
Total.....	<u>\$350,555 68</u>

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$350,000 00
Unfunded debt:	
Vouchers and accounts.....	23 69
Profit and loss or income accounts.....	325 99
Total.....	<u>\$350,355 68</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$350,000 00
Average cost per mile of road, not including sidings, 35 miles.....	19,000 00
Proportion of cost for Michigan.....	<u>\$50,000 00</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares.....	\$998 90
Total passenger department earnings.....	<u>\$998 90</u>
Proportion for Michigan.....	\$998 90
Per mile of road.....	<u>25 54</u>

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$377 26
Total freight department earnings.....	<u>377 26</u>
Proportion for Michigan.....	\$377 26
Per mile of road.....	<u>25 06</u>
Total transportation earnings.....	<u>\$1,876 16</u>
Transportation earnings per mile of road.....	53 60
Total earnings from operation of road.....	1,876 16
Total earnings per mile of road.....	53 60
Total income from all sources.....	1,876 16
Proportion of income for Michigan.....	<u>1,876 16</u>

ANALYSIS OF EXPENSES.

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$378 00
Oil and waste	29 00
Locomotive service	468 20
Train service	215 55
Train supplies	7 49
Mileage of freight cars	23 70
Telephone expenses (maintenance and operating)	164 98
Agents and station service	86 00
Station supplies	2 00
Total	\$1,377 92

GENERAL EXPENSES.

Stationery and printing	\$114 29
Contingencies	56 96
Total	\$171 25

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Conducting transportation	89.00	\$1,377 92
General expenses, including taxes	11.00	171 25
Total operating expenses and taxes	100.00	\$1,549 17
Operating expenses and taxes per mile of road		44 26.
Proportion of operating expenses and taxes for Michigan:		
Main line		1,549 17
Percentage of expenses to earnings	83	
Net earnings per train mile		9 34

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.
Total length road belonging to this company	85-
Total length road belonging to this company in Michigan	85-

Name and description: Alpena & Northern Railroad Co.
 Give date road commenced to be built: May, 1893.
 Give date road completed: December 31, 1893.
 Give date road commenced to be operated: November 18, 1893.
 State where built from and to: Alpena to Lake May.
 Give exact number of miles: 35.
 If north of parallel 44 of latitude: Yes.

STATE OF MICHIGAN, } ss.
 COUNTY OF WAYNE,

M. S. Smith, vice president, and J. C. McCaul, secretary, of the Alpena & Northern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

M. S. SMITH.
 J. C. McCAUL.

Subscribed and sworn to before me this 1st day of June, A. D. 1894.
 [L. S.]

G. H. STALKER,
 Notary Public, Wayne county, Mich.

ANNUAL REPORT.
OF THE
AU SABLE & NORTHWESTERN RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed May 14, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, H. M. LOUD, Au Sable, Mich.
Vice President, GEO. A. LOUD, Au Sable, Mich.
Secretary, H. N. LOUD, Au Sable, Mich.
Auditor, W. F. LOUD, Au Sable, Mich.
Treasurer, W. F. LOUD, Au Sable, Mich.
General Manager, GEO. A. LOUD, Au Sable, Mich.
General Superintendent, HARRY PARK, McKinley, Mich.
Chief Engineer, A. E. WALKER, McKinley, Mich.
Superintendent of Telegraph, B. M. KIMBALL, Au Sable, Mich.
General Passenger Agent, EDW. F. LOUD, Au Sable, Mich.
General Freight Agent, G. H. KEATING, Bay City, Mich.
Attorney, J. B. TUTTLE, Detroit, Mich.

DIRECTORS.

H. M. LOUD, Au Sable, Mich.
Geo. A. LOUD, Au Sable, Mich.
H. N. LOUD, Au Sable, Mich.
W. F. LOUD, Au Sable, Mich.
Edw. F. LOUD, Au Sable, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: July 23, 1891.

Number of stockholders at date of last election..... 8

Number of stockholders in Michigan at same date..... 8

Date of annual meeting of stockholders: July 23.

Fiscal year of company ends: December 31.

General offices of the company are located at Au Sable.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$141,520 81
Total expenses, including taxes	\$97,286 08	
Net income		\$44,234 28
Balance for the year		\$44,234 28
Balance (profit and loss) last year		294,554 01
Balance forward to next year		\$338,788 29

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$500,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	None.	
Amount paid in on common.....		41,500 00
Amount paid in on shares not issued.....		41,500 00
Total amount paid in, as per books of the company.....		41,500 00
Paid in per mile of road owned by company, 65 miles.....		638 46

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For construction	To be paid.....	\$75,337 94
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		
Total unfunded debt		\$75,337 94

RECAPITULATION.

Total unfunded debt.....	\$75,337 94
Total debt liabilities	\$75,337 94
Amount of debt liabilities per mile of road, 65 miles.....	1,159 06
Total amount of stock and debt	\$116,837 94
Stock and debt per mile of road, 65 miles.....	1,797 50

GENERAL BALANCE SHEET.—Dr.

Construction account }		\$232,739 92
Equipment account }		
Other investments.....		205,906 78
Other assets:		
Materials and supplies.....	\$4,882 00	
Debit balances from companies and individuals.....	2,997 13	
		7,879 13
Total.....		\$446,525 83

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$41,500 00
Unfunded debt:	
Notes payable.....	\$552 57
Vouchers and accounts.....	74,885 37
	75,337 94
Profit and loss or income accounts.....	\$232,739 92
Total.....	\$446,525 83

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: July 17, 1891.	
Original cost to present company, of road and equipment.....	\$178,000 00
Amount expended since purchase, account of construction.....	38,798 06
Amount expended since purchase, account of equipment.....	20,941 86
Total cost to date of report.....	232,739 92
Average cost per mile of road, not including sidings, 65 miles.....	3,580 61

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

New locomotives.....	\$3,141 00
New cars.....	7,078 62
Total charges to property account as above.....	<u>\$10,219 62</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Total passenger fares.....	\$10,124 15	
Mails.....	1,589 00	
Total passenger department earnings.....		\$11,673 15
Proportion for Michigan.....	\$11,673 15	
Per train mile.....	50	
Per mile of road.....	179 60	

FREIGHT EARNINGS.

Main line and branches:		
Total freight department earnings.....		129,847 16
Proportion for Michigan.....	\$129,847 16	
Per train mile.....	1 03	
Per mile of road.....	1,997 66	
Total transportation earnings.....	\$141,520 31	
Transportation earnings per mile of road.....	1,310 88	
Transportation earnings per train mile.....	1 12	
Total earnings from operation of road.....	\$141,520 31	
Total earnings per mile of road.....	1,310 88	
Total earnings per train mile.....	1 12	
Proportion of taxable earnings for Michigan.....	141,520 31	
Total income from all sources.....		<u>\$141,520 31</u>
Proportion of income for Michigan.....	\$141,520 31	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	}	
Renewals of rails.....		
Renewals of ties.....		
Repairs of bridges, including culverts and cattle guards.....		\$12,555 29
Repairs of fences, road crossings and signs.....		
Repairs of buildings.....		
Total.....		<u>\$12,555 29</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	}	
Repairs of passenger cars.....		\$22,517 23
Repairs of freight cars.....		
Total.....		<u>\$22,517 23</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	}	
Water supply.....		
Oil and waste.....		
Locomotive service.....		
Passenger train service.....		
Passenger train supplies.....		
Mileage of passenger cars.....		
Freight train service.....		
Freight train supplies.....		
Mileage of freight cars.....		
Telegraph expenses (maintenance and operating).....		
Damage and loss of freight and baggage.....		
Damages to property and cattle.....		
Personal injuries.....		
Agents and station service.....		
Station supplies.....		
Total.....		<u>\$51,847 71</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	}	\$10,865 70
Salaries of clerks in general offices.....		
Law expenses.....		
Insurance.....		
Stationery and printing.....		
Outside agencies and advertising.....		
Contingencies.....		
Taxes.....		
Total.....		\$10,865 70

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$12,555 29
Maintenance of motive power and cars.....	22,517 83
Conducting transportation.....	51,947 71
General expenses, including taxes.....	10,865 70
Total operating expenses and taxes.....	\$97,886 08
Operating expenses and taxes per mile of road, 108.....	\$900 80
Operating expenses and taxes per train mile run for trains earning revenue, 128,000 miles.....	77
Total proportion of expenses for Michigan.....	All
Percentage of expenses to earnings.....	68
Net earnings per mile of road.....	400 58
Net earnings per train mile.....	36

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Au Sable to McKinley.

MAIN LINE.

In Michigan, from Au Sable to McKinley.....	Miles. 40
In Michigan, from McKinley to Tongue.....	25
Total length completed.....	65

BRANCHES.

South Side, from McKinley to Woodrow.....	43
Total length of branches owned by company.....	43
Total length of branches owned by company in Michigan.....	All
Total length of road belonging to this company.....	108
Total length of road belonging to this company in Michigan.....	108
Gauge of track, 3 feet.	

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	2	800
Wooden trestles.....	8	2,800
Total.....	10	4,600

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Detroit, Bay City & Alpena R. R. at Au Sable.

At what crossings are interlocking and derailling switches in operation?

Detroit, Bay City & Alpena R. R.

What pattern or patterns have you adopted?

Union Switch & Signal Co.

Number of crossings of highways at grade in this State, 30.

Are your frogs and guard rails blocked as required by act 174, session laws 1884? No.

How are they treated? Wood.

Stations.

Number of stations on whole line.....	22
Same in Michigan.....	22

Employees.

Number of persons regularly employed on all roads operated by company, including officials 153
 Same in Michigan 153

Classify your employees as per following list:

Number.

Baggagemen	1
Brakemen	11
Conductors	11
Engineers	15
Firemen	15
Laborers	85
Shopmen	7
Yardmen	8

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you?
 Not required to fence.

Road bed and track.

Number of track sections in Michigan	10
Average lengths of sections, miles	6
Average number of men in each section gang	2
Number of new ties put in whole line during the year	None
Number of new ties put in track in Michigan	None
New rails put in track	None

Bridges.

New bridges built during the year.

Location.	Kind.	Material.	Month built.	Feet in length.
Fairview, destroyed by fire and rebuilt in May, 1893.	Wood.....	Wood.....	May	1,400

ROLLING STOCK.

	Number.
Number of locomotives of 20 to 30 tons weight, exclusive of tender	16
Number of locomotives of 10 to 20 tons weight, exclusive of tender	5
Total	21
Number of passenger cars—8-wheel including official cars	2
Number of express and baggage cars	2
Number of box freight cars	8
Number of stock cars	3
Number of platform cars	12
Other cars as follows:	
Bussells	240
Long timber cars	50
Coal cars	22
Snow plow	1
Total number	313
Number of locomotives equipped with power brakes	21
Number of passenger train cars equipped with power brakes	4
Number of freight cars equipped with power brakes	None
What patterns of power brakes have you in use, and number of locomotives and cars with each?	
Air, steam and vacuum	24

How are your passenger cars heated?
 Stoves.

MILEAGE, TRAFFIC, ETC.*Train mileage.*

Miles run by passenger trains during the year	23,400
Miles run by freight trains during the year	102,600
Total mileage of trains earning revenue	126,000

Passenger traffic.

Total number of passengers carried..... 10,156

Freight traffic.

Total tons of through freight carried..... 126,430

ADDITIONAL QUESTIONS.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

65 miles telephone, owned by Au Sable & Northwestern R. R.

STATE OF MICHIGAN, { ss.
COUNTY OF IOSCO.

Geo. A. Loud, Vice President, and H. N. Loud, Secretary, of the Au Sable & Northwestern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

GEO. A. LOUD, *Vice President.*
H. N. LOUD, *Secretary.*

Subscribed and sworn to before me this 11th day of May, A. D. 1894.

[L. S.]

W. J. PARKER,
Notary Public.

ANNUAL REPORT
OF THE
BAY CITY BELT LINE RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed May 7, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, ALBERT MILLER, Bay City, Michigan.
Secretary, CHESTER L. COLLINS, Bay City, Michigan.
Treasurer, JOSEPH TURNER, Bay City, Michigan.

DIRECTORS.

ALBERT MILLER, Bay City, Michigan.
JOSEPH TURNER, Bay City, Michigan.
C. L. COLLINS, Bay City, Michigan.
W. H. TOUSEY, Bay City, Michigan.
GEORGE TURNER, Bay City, Michigan.
G. HENRY SHEARER, Bay City, Michigan.
E. T. CARRINGTON, Bay City, Michigan.
Terms expire 1st Monday of June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 13, 1889.
Number of stockholders at date of last election: nine.
Number of stockholders in Michigan at same date: eight.
Amount of full paid stock held in Michigan at same date: \$51,750.00.
Date of annual meeting of stockholders: first Monday of June.
Fiscal year of company ends' first Monday of June.
General offices of the company are located at Bay City, Michigan.

REMARKS.

Of the total mileage owned, 6.31 miles is leased to the Flint & Pere Marquette R. R. Co., and 1.88 miles is leased to the Michigan Central R. R. Co., each lessee company operates and maintains its respective mileage.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$100,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued.....	1,000	
Total amount paid in, as per books of the company		100,000 00
Paid in per mile of road owned by company.....		<u>12,355 99</u>

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For construction	\$2,597 04
For real estate	5,290 91
Total unfunded debt	<u>\$12,877 95</u>

RECAPITULATION.

Total unfunded debt	\$12,877 95
Total debt liabilities	\$12,877 95
Amount of debt liabilities per mile of road (8.09 miles)	1,715 44
Total amount of stock and debt	\$113,577 95
Stock and debt per mile of road	<u>9,408 63</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by the company.

Total expended for construction	\$108,597 04
Average cost of construction per mile of road, not including sidings (8.09 miles)	13,428 61
Proportion of cost of construction for Michigan	<u>108,597 04</u>

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.
Length completed in Michigan	8.09
Total length completed	8.09
Aggregate length of sidings, spurs and other tracks not above enumerated	4.08
Same in Michigan	4.08
Aggregate length of tracks belonging to this company, computed as single track	12.11
Same in Michigan	12.11
Gauge of track, 4 feet 8 1/4 inches.	

STATE OF MICHIGAN, } ss.
COUNTY OF BAY, }

Albert Miller, president, and Chester L. Collins, secretary, of the Bay City Belt Line Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

ALBERT MILLER, President.
CHESTER L. COLLINS, Secretary.

Subscribed and sworn to before me this 5th day of May, A. D. 1894.

C. G. BOHNET, Notary Public, Bay Co., Mich.

ANNUAL REPORT
OF THE
BOYNE CITY & SOUTHEASTERN RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed May 24, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, WM. H. WHITE, Boyne City, Mich.
Vice President, THOMAS WHITE, Boyne City, Mich.
Secretary, A. E. CAMPBELL, Boyne City, Mich.
Auditor, A. E. CAMPBELL, Boyne City, Mich.
Treasurer, JAS. A. WHITE, Boyne City, Mich.
General Manager, WM. H. WHITE, Boyne City, Mich.
Assistant General Superintendent, A. E. CAMPBELL, Boyne City, Mich.
Cashier, A. E. CAMPBELL, Boyne City, Mich.
General Passenger Agent, A. E. CAMPBELL, Boyne City, Mich.
General Freight Agent, A. E. CAMPBELL, Boyne City, Mich.
Attorney, JNO. M. HARRIS, Boyne City, Mich.

DIRECTORS.

WM. H. WHITE, Boyne City, Mich.
 THOMAS WHITE, Boyne City, Mich.
 JAS. A. WHITE, Boyne City, Mich.
 A. E. CAMPBELL, Boyne City, Mich.
 Q. V. WHITE, Boyne City, Mich.
 GEO. WHITE, Boyne City, Mich.
 LYDE WHITE, Boyne City, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 3, 1893.
 Number of stockholders at date of last election: 7.
 Number of stockholders in Michigan at same date: 7.
 Date of annual meeting of stockholders: January 1, 1893.
 Fiscal year of company ends: December 31, 1893.
 General offices of the company are located at Boyne City, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$4,700 14
Total expenses, including taxes	\$3,513 80	
Net income or deficit		\$1,286 34
Balance forward to next year		\$1,286 34

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$56,000 00
Par value of shares	100 00
Number of shares issued	308

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	} Paid from earnings..... }	\$2,508 92
For equipment.....		12,486 17
Total unfunded debt		\$14,994 09

RECAPITULATION.

Total unfunded debt	\$14,994 09
Amount of debt liabilities per mile of road, 8 miles.....	1,874 26

GENERAL BALANCE SHEET.—Dr.

Construction account	\$23,063 47	
Equipment account	18,686 91	
		\$41,752 38
Cash items:		
Cash	\$68 91	
Bills receivable	159 14	
		228 05
Other assets:		
Debit balances from companies and individuals		30,900 00
Total		\$72,280 43

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$56,000 00
Unfunded debt	14,994 09
Profit and loss or income accounts	1,286 34
Total	\$72,280 43

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$41,752 38
Average cost per mile of road, not including sidings	5,219 05
Proportion of cost for Michigan	41,752 38

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Through fares	\$563 55	
Total passenger fares	\$563 55	
Mails	21 00	
Total passenger department earnings		\$584 55
Proportion for Michigan	\$584 55	
Per train mile	10	
Per mile of road	73 07	

FREIGHT EARNINGS.

Main line and branches:		
Through traffic	\$4,115 59	
Total traffic	\$4,115 59	
Total freight department earnings		4,115 59
Proportion for Michigan	\$4,115 59	
Per train mile	73	
Per mile of road	514 45	
Total transportation earnings		\$4,700 14

Transportation earnings per mile of road.....	\$587 52
Transportation earnings per train mile.....	85
Total earnings from operation of road.....	4,700 14
Total earnings per mile of road.....	587 52
Total earnings per train mile.....	85

Total income from all sources.....	\$4,700 14
Proportion of income for Michigan.....	4,700 14

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$510 00
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MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$848 00
Repairs of freight cars.....	150 00
Total.....	\$998 00

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$350 00
Oil and waste.....	130 00
Locomotive service.....	530 00
Passenger train service.....	225 00
Freight train service.....	155 80
Agents and station service.....	150 00
Station supplies.....	85 00
Total.....	\$1,965 80

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$150 00
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RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$510 00
Maintenance of motive power and cars.....	998 00
Conducting transportation.....	1,855 80
General expenses, including taxes.....	150 00
Total operating expenses and taxes.....	\$3,513 80
Operating expenses and taxes per mile of road.....	489 24
Operating expenses and taxes per train mile run for trains, earning revenue.....	64
Total proportion of expenses for Michigan.....	3,513 80
Percentage of expenses to earnings.....	74
Net earnings per mile of road.....	160 79
Net earnings per train mile.....	29

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Boyne City to Boyne Falls, August 23, 1893.

MAIN LINE.

In Michigan, from Boyne City to Boyne Falls.....	Miles. 7
Total length completed.....	7

BRANCHES.

From Camp to Banking Ground.....	1
Total length of branches owned by company.....	1
Total length of branches owned by company in Michigan.....	1
Total length of road belonging to this company in Michigan.....	8
Gauge of track, 4 feet 8½ inches.	

NAME AND DESCRIPTION.

Give date road commenced to be built:
April 26, 1898.

Give date road completed:
August 28, 1898.

Give date road commenced to be operated:
August 28, 1898.

State where built from and to:
Boyne Falls to Boyne City.

Give exact number of miles:
Eight.

State if north of parallel 44 of latitude:
Yes.

Crossings—railroad and highway.

Number of crossings of highways at grade in this State.....	7
Number of crossings of highways over or under railroad (over 7).....	7

Are your frogs and guard rails blocked as required by act 174, session laws 1884: Yes.
How are they treated: Blocked.

Stations.

Number of stations on whole line.....	8
Same in Michigan.....	8

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	15
Same in Michigan.....	15

Classify your employees as per followig list:

Number.
1
2
2
2
2
5
1

Baggagemen.....	1
Brakemen.....	2
Conductors.....	2
Engineers.....	2
Firemen.....	2
Laborers.....	5
Shopmen.....	1

REPAIRS AND RENEWALS.

Fencing in Michigan.

Give the number of miles required to complete fence both sides of your track in Michigan,
and the counties in which needed:
14—Charlevoix.

Road bed and track.

Number of track sections in Michigan.....	1
Average lengths of sections, miles.....	7
Average number of men in each section gang.....	4
Number of new ties put in whole line during the year.....	17,500
Number of new ties put in track in Michigan.....	17,500
Average number of new ties per mile of road.....	2,500
New rails put in track; Steel (tons).....	329
Total miles of track laid with new rails.....	8

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 10 to 20 tons weight, exclusive of tender.....	1	\$2,000 00
Logging cars.....	17	3,400 00
Total.....	18	\$5,400 00

How are your passenger cars heated? By coal.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by mixed trains.....	5,480
Total mileage of trains earning revenue.....	5,480

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	1,878	7	\$0 30
Total number of passengers carried	1,878		
Total passenger mileage		13,136	
Average distance traveled by each passenger		7	
Average amount received from each passenger			27
Average rate of fare per mile for through passengers			08.85
Average rate of fare per mile for all passengers			08.85

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	8,604		
Total tons of freight carried	8,604		
Total mileage of through freight		7	
Total freight mileage, or tons carried one mile		60,238	
Average ton haul for through freight		1,229	
Average ton haul for all freight		1,229	
Average amount received for each ton haul			\$0 48
Average rate per ton per mile received for through freight			07
Average rate per ton per mile received for all freight			07

Freight forwarded at Michigan stations.

	Forwarded, tons.
Flour	65
Provisions (beef, pork, lard, etc.)	260
Other agricultural products	8,279
Total forwarded	8,604

Tonnage of articles transported—entire road.

	Tons.
Grain	65
Flour	260
Lumber and forest products	8,279
Total tons carried	8,604

STATE OF MICHIGAN, } ss.
COUNTY OF CHARLEVOIX, }

Wm. H. White and A. E. Campbell of the Boyne City & Southeastern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

WM. H. WHITE,
A. E. CAMPBELL.

Subscribed and sworn to before me this 23d day of May, A. D. 1894.

[L. S.]

JOHN F. FAIRCHILD, Notary Public.

ANNUAL REPORT

OF THE

CHICAGO, DETROIT & CANADA GRAND TRUNK JUNCTION RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, L. J. SEARGEANT, Montreal, Can.
Vice President, JOHN BELL, Q. C. Belleville, Can.
Secretary, ROBERT WRIGHT, Montreal, Can.
Accountant, J. H. MUIR, Detroit, Mich.
General Manager, W. J. SPICER, Detroit Mich.
Superintendent, A. B. ATWATER, Detroit, Mich.
Chief Engineer, GEORGE MASSON, Detroit, Mich.
Mechanical Superintendent, H. ROBERTS, Detroit, Mich.
Traffic Manager, GEO. B. REEVE, Chicago, Ill.
General Passenger and Ticket Agent, W. E. DAVIS, Chicago, Ill.
General Freight Agent, DAVID BROWN, Chicago, Ill.
Attorney, E. W. MEDDAUGH, Detroit, Mich.

DIRECTORS.

L. J. SEARGEANT, Montreal, Quebec, Can.
 JOHN BELL, Q. C., Belleville, Ontario, Can.
 E. W. MEDDAUGH, Detroit, Mich.
 W. J. SPICER, Detroit, Mich.
 ROBERT WRIGHT, Montreal, Can.
 Terms expire September, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 18, 1894.
 Number of stockholders at date of last election: 19.
 Number of stockholders in Michigan at same date: 2.
 Amount of full paid stock held in Michigan at same date: \$300.00.
 Date of annual meeting of stockholders: Last Wednesday in Sept.
 Fiscal year of the company ends December 31.
 General offices of the company are located at Detroit.

GENERAL EXHIBIT,		Debit.	Credit.
Total income			\$294,118 14
Total expenses, including taxes		\$323,231 27	
Deficit		\$29,118 13	
Interest on funded debt, 6%	\$65,700 00		
Interest on stock, 4%	43,800 00		
		109,500 00	
Balance for the year, deficit		\$138,618 13	
Contribution from G. T. R'y towards interest liabilities			\$138,618 13

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$1,095,000 00
Par value of shares	\$100 00	
Number of shares issued	10,960	
Amount paid in on common	\$978,984 67	
Total amount paid in, as per books of the company		978,984 67
Paid in per mile of road owned by company, miles, 59.87		16,439 55

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, July, 1884	6%	July, 1894	London Eng.	\$1,095,000 00
Bonds exchangeable for stock within ten years from June 26, 1883. No interest payable	5%			691,141 46
Total funded debt				\$1,786,141 46

RECAPITULATION.

Total funded debt	\$1,786,141 46
Total debit liabilities	\$1,786,141 46
Amount of debt liabilities per mile of road, 59.87 miles	30,084 92
Total amount of stock and debt	\$2,881,141 46
Stock and debt per mile of road, \$59.87 miles	48,528 57

GENERAL BALANCE SHEET.—Dr.

Construction account	\$2,765,126 13
Operated by the Grand Trunk Railway Company, hence there are no current balances.	
Total	\$2,765,126 13

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$1,095,000 00
Amount realized	\$978,984 67
Funded debt	1,786,141 46
Operated by the Grand Trunk Railway Company, hence there are no current balances.	
Total	\$2,765,126 13

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$2,765,126 13
Average cost per mile of road, not including sidings, 59.87 miles	46,574 46
Proportion of cost for Michigan	46,574 46
Equipment furnished by the lessees.	

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:

Local fares.....	\$104,960 85	
Through fares.....	55,822 23	
Total passenger fares.....	\$160,283 91	
Express and baggage.....	10,867 90	
Mails.....	8,891 13	
Total passenger department earnings.....		\$180,034 94
Proportion for Michigan.....	\$180,034 94	
Per train mile.....	85	
Per mile of road.....	3,082 42	

FREIGHT EARNINGS.

Main line and branches:

Local traffic.....	\$71,238 18	
Through traffic.....	41,004 61	
Total traffic.....	\$112,242 79	
Total transportation earnings.....		112,242 79
Proportion for Michigan.....	\$112,242 79	
Per train mile.....	91	
Per mile of road.....	1,890 56	
Total transportation earnings.....		\$292,277 73
Transportation earnings per mile of road.....	\$4,922 96	
Transportation earnings per train mile.....	88	
Miscellaneous receipts from operating account, other than for transportation as follows:		
From other sources.....	\$1,835 41	
Total.....		1,835 41
Total earnings from operation of road.....		\$294,113 14
Total earnings from operation of road.....	\$294,113 14	
Total earnings per mile of road.....	4,953 88	
Total earnings per train mile.....	88	
Proportion of taxable earnings for Michigan.....	294,113 14	
Total taxable earnings per mile of road in Michigan.....	4,953 88	
Total income from all sources.....		\$294,113 14
Proportion of income for Michigan.....		294,113 14

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$25,666 14
Renewals of rails.....	7,010 33
Renewals of ties.....	6,618 42
Repairs of bridges, including culverts and cattle guards.....	8,446 39
Repairs of fences, road crossings and signs.....	2,650 57
Repairs of buildings.....	4,228 50
Total.....	\$49,620 35

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$34,382 46
Repairs of passenger cars.....	26,355 97
Repairs of freight cars.....	21,786 75
Total.....	\$82,525 18

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$38,831 97
Water supply.....	2,164 86
Oil and waste.....	2,031 01
Locomotive service.....	46,905 40
Passenger train service.....	6,861 28
Passenger train supplies.....	1,260 29
Freight train service.....	13,722 75
Freight train supplies.....	2,518 58
Mileage of freight cars.....	3,600 00
Telegraph expenses (maintenance and operating).....	3,869 08
Damage and loss of freight and baggage.....	822 72
Damages to property and cattle.....	58 00
Personal injuries.....	968 81
Agents and station service.....	40,247 70
Station supplies.....	9,352 78
Total.....	\$172,925 92

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$500 00
Salaries of clerks in general offices.....	1,500 00
Law expenses.....	1,500 00
Insurance.....	3,100 32
Stationery and printing.....	800 00
Outside agencies and advertising.....	2,000 00
Taxes.....	9,259 50
Total.....	\$18,159 82

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$49,620 35
Maintenance of motive power and cars.....	82,525 18
Conducting transportation.....	172,925 92
General expenses, including taxes.....	18,159 82
Total operating expenses and taxes.....	\$323,231 27
Operating expenses and taxes per mile of road.....	\$5,444 35
Operating expenses and taxes per train mile run for trains earning revenue, 333,809 miles.....	96,823
Proportion of operating expenses and taxes for Michigan, main line.....	\$23,231 27
Percentage of expenses to earnings, 109.50%.....	
Net loss per mile of road.....	490 45
Net loss per train mile.....	08,723

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Detroit Junction to Fort Gratiot, November, 1859.

MAIN LINE.

In Michigan from Detroit Junction to Fort Gratiot.....	Miles. 59.37
Total length completed.....	59.37
Total length of road belonging to this company in Michigan.....	59.37
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	25.97
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	85.34
Gauge of track, 4 feet 8½ inches.....	

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Iron.....	6	792

Draw bridges in Michigan.

Where located, when built, and length of draw span:
Near Port Huron, built in 1880, length of swing 123 feet.

Character of structure:
Swing draw.

Material of which constructed:
Iron and stone.

Height above water, and depth of water under bridge:
Height 16 feet, depth 12 feet.

How swung, by engine or hand power:
Hand power.

Approaches straight or curved:
Straight.

Do you require all trains to come to a full stop before crossing a draw, and how are they signaled?
Yes, by semaphores.

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and what locality?

Detroit & Bay City R. R. at Detroit.
Detroit, Grand Haven & Milwaukee R. R. at Detroit.
Belt Line R. R. at Detroit.
Port Huron & Southwestern R. R. at Port Huron.
Chicago & Grand Trunk R. R. near Port Huron.
Flint & Pere Marquette R. R. near Port Huron.
Port Huron & Northwestern R. R. at Port Huron.

At what crossings are interlocking and derailing switches in operation?
Woodward avenue and Belt Line Railway at Detroit.

What pattern or patterns have you adopted?
Union Switch and Signal Company.

Number of crossings of highways at grade in this State	91
Number of crossings of highways at grade in this State at which there are gates or flagmen..	25

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
Yes.

How are they treated?
Filled with wood planking.

Stations.

Number of stations on whole line	12
Same in Michigan	12

Employees.

Number of persons regularly employed on all roads operated by company, including officials	392
Same in Michigan	392

Classify your employees as per following list:

	No.
Baggagemen	6
Brakemen	32
Conductors	17
Engineers	28
Firemen	32
Laborers	98
Shopmen	1
Yardmen	41
Others	142

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you?	122.74
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed: None.	

Road bed and track.

Number of track sections in Michigan	12
Average lengths of sections (miles)	5
Average number of men in each section gang	4
Number of new ties put in whole line during year	15,610
Number of new ties put in track in Michigan	15,610
Average number of new ties per mile of road	263

Bridges and culverts.

Amount of trestle work replaced during the year:

With iron pipe—number	5
With timber—number	1

ROLLING STOCK.

The company does not own any rolling stock. The stock used in working the line belongs to the Grand Trunk Railway Co. of Canada.

Number of locomotives equipped with power brakes:

All.

Number of passenger train cars equipped with power brakes:

All.

What patterns of power breaks have you in use, and number of locomotives and cars with each?
Westinghouse automatic.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of

1885:

Yes.

What pattern or patterns have you adopted for use?

McCrea's patent coupler.

How are your passenger cars heated?

Baker heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	201,064
Miles run by freight trains during the year	92,545
Miles run by mixed trains	40,200
Total mileage of trains earning revenue ..	333,809

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	39,758		
Number of local passengers carried	284,256		
Total number of passengers carried	324,014		
Total passenger mileage		6,040,433	
Average distance traveled by each passenger		18.64	
Average amount received from each passenger			\$0 49.468
Average rate of fare per mile for through passengers			02.366
Average rate of fare per mile for local passengers			02.585
Average rate of fare per mile for all passengers			02.653

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	91,931		
Number of tons of local freight carried	202,433		
Total tons of freight carried	294,414		
Total mileage of through freight		3,883,966	
Total mileage of local freight		10,044,067	
Total freight mileage, or tons carried one mile		13,878,063	
Average ton haul for through freight		41.70	
Average ton haul for local freight		33.21	
Average ton haul for all freight		35.18	
Average amount received for each ton haul			\$0 28.463
Average rate per ton per mile, received for through freight			01.070
Average rate per ton per mile, received for local freight			00.709
Average rate per ton per mile, received for all freight			00.809

Freight forwarded at Michigan stations.

	Forwarded, tons.
Cotton.....	2,623
Grain.....	39,047
Flour.....	20,955
Provisions (beef, pork, lard, etc.).....	1,498
Animals.....	8,012
Other agricultural products.....	14,342
Lumber and forest products.....	17,481
Coal.....	15,932
Plaster, lime and cement.....	1,854
Salt.....	444
Petroleum.....	2,041
Railroad iron, iron and steel rails.....	284
Pig and bloom iron.....	823
Other iron and castings.....	2,807
Ores.....	1,007
Stone, brick and sand.....	6,575
Manufactures—articles shipped from point of production.....	22,060
Merchandise and other articles not enumerated above.....	47,390
Total forwarded.....	200,120

Tonnage of articles transported.—Entire road.

	Tons.
Cotton.....	2,788
Grain.....	58,063
Flour.....	26,181
Provisions (beef, pork, lard, etc.).....	13,088
Animals.....	18,709
Other agricultural products.....	21,024
Lumber and forest products.....	40,634
Coal.....	34,283
Plaster, lime and cement.....	2,359
Salt.....	1,142
Petroleum.....	2,978
Railroad iron, iron and steel rails.....	1,047
Pig and bloom iron.....	1,304
Other iron and castings.....	4,816
Ores.....	2,020
Stone, brick and sand.....	10,501
Manufactures—articles shipped from point of production.....	48,709
Merchandise and other articles not enumerated above.....	115,368
Total tons carried.....	394,414

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The railway company does its own express business.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
59.57 miles. Western Union Telegraph Co.

Transportation companies.

SLEEPING, DRAWING-ROOM AND PALACE CAR COMPANIES.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Pullman Palace Car Company's cars. No rental is paid. The cars are maintained by the railway company. The Pullman Company maintain the fittings and collect special fares.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Armour & Company.....	Chicago, Ill.....	\$96 29
American Refrigerator Transit Company.....	St. Louis, Mo.....	20 72
Arma Palace Horse Car Company.....	Chicago, Ill.....	2 44
Anglo-American Refrigerator Car Company.....	Chicago, Ill.....	9 13
Boyd, Leenham & Co.....	Chicago, Ill.....	1 20
Barton Stock Car Co.....	Boston, Mass.....	10 60
Chicago Refrigerator Car Co.....	Indianapolis, Ind.....	4 70
Crystal Oil Works.....	Cleveland, O.....	1 22
Century Oil Company.....	Lima, O.....	1 43
Canda Cattle Car Company.....	New York, N. Y.....	19 80
Central Equipment Company.....	Terre Haute, Ind.....	1 84
California Fruit Express Company.....	Chicago, Ill.....	84
California Fruit Transportation Company.....	Chicago, Ill.....	1 29
Eureka Transportation Co.....	Detroit, Mich.....	542 86
Globe Refining Company.....	Louisville, Ky.....	81
Freeman Brothers.....	Pontiac, Mich.....	67
Hammond Refrigerator Line.....	Hammond, Ind.....	15 70
Wick & Company, H. K.....	Buffalo, N. Y.....	40
Hicks Stock Car Company.....	Chicago, Ill.....	40
J. E. Butler Furniture Cars.....	Atlanta, Ga.....	81
Live Poultry Transportation Co.....	Chicago, Ill.....	5 18
Libby McNeil & Libby Refrigerator Line.....	Chicago, Ill.....	1 26
Merchants' Despatch Transportation Co.....	New York, N. Y.....	95 38
Manhattan Oil Company.....	Lima, O.....	70
Morris & Company Refrigerator Line.....	Chicago, Ill.....	10 84
Mann Brothers.....	Chicago, Ill.....	76
National Despatch Line.....	St. Albans, Vt.....	1,077 83
Chicago, Boston & Liverpool Refrigerator Line.....	St. Albans, Vt.....	106 75
New York Despatch Refrigerator Line.....	Boston, Mass.....	53 87
New England Car Company.....	Boston, Mass.....	5 02
O. W. Shipman.....	Detroit, Mich.....	13 02
Peerless Tank Line.....	Cleveland, O.....	1 96
Provision Dealers' Despatch.....	Chicago, Ill.....	1 12
Swift Refrigerator Transportation Co.....	Chicago, Ill.....	26 08
St. Charles Car Company.....	St. Charles, Mo.....	1 80
St. Louis Refrigerator Car Co.....	St. Louis, Mo.....	8 76
Streets Stable Car Line.....	Chicago, Ill.....	13 51
Southern Despatch Lumber Line.....	St. Louis, Mo.....	7 51
Union Tank Line Company.....	New York, N. Y.....	143 13
Union Refrigerator Transit Co.....	St. Louis, Mo.....	21 61
W. P. Bend & Co.....	Chicago, Ill.....	2 48

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

January 20, J. Kolmy, trespasser, West Detroit. Struck by train; his carelessness.
 August 3, J. Anderson, trespasser, Detroit. Struck by train; his carelessness.
 September 18, Fannie Roberts, trespasser, North Detroit. Struck by train; her carelessness.
 December 20, F. Berlin, trespasser, Detroit. Struck by train; his carelessness.

INJURED.

January 15, E. Kline, trespasser, West Detroit. Climbing between cars; his carelessness.
 January 18, T. Lynch, yardman, West Detroit. Coupling; his carelessness.
 February 11, W. Mathews, yardman, Port Huron Tunnel. Coupling; his carelessness.
 February 13, A. E. Wells, yardman, Port Huron Tunnel. Coupling; his carelessness.
 April 12, J. Connors, yardman, Port Huron Tunnel. Coupling; his carelessness.
 May 13, M. Donnelly, yardman, Port Huron Tunnel. Coupling; his carelessness.
 July 4, J. Duffee, brakeman, Lenox. Coupling; his carelessness.
 July 23, Jas. Gore, yardman, Port Huron Tunnel. Coupling; his carelessness.
 October 10, C. Betteridge, yardman, Port Huron Tunnel. Coupling; his carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					8	
Trespassers on trains.....						1
Trespassers on tracks.....			4			
Total.....			4		8	1

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	4
Number of persons injured during the year.....	9
Number resulting from lack of caution, carelessness, or misconduct.....	12
Trespassers and tramps killed or injured.....	5

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		1	1
Yardmen.....		7	7
Total.....		8	8

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

William J. Spicer, general manager, and James H. Muir, accountant, of the Chicago, Detroit & Canada Grand Trunk Junction Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and have carefully examined the same, declare them to be a true, full and correct statement of the condition of affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

Signed,

[L. S. OF E. R.]

W. J. SPICER, General Manager.

J. H. MUIR, Accountant.

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

[L. S.]

L. F. LANG,
Notary Public in and for Wayne county, Mich.

ANNUAL REPORT
OF THE
CHICAGO & GRAND TRUNK RAILWAY COMPANY,

For the year ending December 31, 1892.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, L. J. SEARGEANT, Montreal, Province of Quebec.
Secretary and Assistant to the President, CHAS. PERCY, Montreal, Province of Quebec.
Treasurer, JAMES H. MUIR, Detroit, Michigan.
General Manager, W. J. SPICER, Detroit, Michigan.
Superintendent, A. B. ATWATER, Detroit, Michigan.
Assistant Superintendent, A. E. MCINTYRE, Battle Creek, Michigan.
Mechanical Superintendent, HERBERT ROBERTS, Detroit, Michigan.
Chief Engineer, GEORGE MASSON, Detroit, Michigan.
Traffic Manager, GEO. B. REEVE, Chicago, Illinois.
General Passenger and Ticket Agent, W. E. DAVIS, Chicago, Illinois.
General Freight Agent, DAVID BROWN, Chicago, Illinois.
Solicitor, E. W. MEDDAUGH, Detroit, Michigan.
General Storekeeper, JNO. S. LORIMER, Detroit, Michigan.

DIRECTORS.

L. J. SEARGEANT, Montreal, Province of Quebec.
 E. W. MEDDAUGH, Detroit, Michigan.
 W. J. SPICER, Detroit, Michigan.
 HENRY HOWARD, Pt. Huron, Michigan.
 W. C. BEARDSLEY, Auburn, New York.
 F. A. HOWE, Chicago, Illinois.
 DE F. SKINNER, Valparaiso, Indiana.

Terms expire April 11, 1894, or when their successors are appointed.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: January 7, 1886.

Number of stockholders at date of last election: 256.

Number of stockholders in Michigan at same date: 20.

Amount of full paid stock held in Michigan at same date: \$175,900.00.

Date of annual meeting of stockholders: Second Wednesday in April.

Fiscal year of company ends December 31.

General offices of the company are located at Detroit, Michigan, and Chicago, Illinois.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$4,428,868 43
Total expenses, including taxes.....		3,521,604 86
Net income or deficit.....		\$907,263 57
Interest on funded debt.....	\$659,995 79	
Interest on unfunded debt.....	71,237 43	
Rental of leased line.....	23,324 04	
Rentals of engines and cars.....	145,847 07	
		902,904 33
Balance for the year.....		\$4,354 19
Advances to the Toledo, Saginaw & Muskegon R'y Co. and the Cincinnati, Saginaw & Mackinac R. R. Co. in terms of traffic agreements.....		63,838 02
		\$59,478 83
Advanced by the Grand Trunk R'y Co. of Canada, in terms of traffic agreements.....		59,478 83

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$6,600,000 00
Par value of shares	\$100 00	
Number of shares issued	66,000	
Amount paid in on common		\$6,600,000 00

Total amount paid in, as per books of the company	6,600,000 00
Paid in per mile of road owned by company, 326.50 miles	20,214 40

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue of bonds.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, 1880	4% per annum.	January 1, 1900.	London, Eng., and New York.	
Second mortgage bonds, 1882	5% per annum.	January 1, 1922.	New York, N. Y.	\$6,000,000 00
				6,000,000 00
Total funded debt				\$12,000,000 00

UNFUNDED DEBT.

For what incurred.	Amount.
For construction	
For equipment	
For real estate	
For renewals	
For miscellaneous	
For current balances	
	\$1,983,277 83
Total unfunded debt	\$1,983,277 83

RECAPITULATION.

Total funded debt	\$12,000,000 00
Total unfunded debt	1,983,277 83
Total debt liabilities	\$13,983,277 83
Amount of debt liabilities per mile of road, 326.50 miles	42,827 80
Total amount of stock and debt	20,583,277 83
Stock and debt per mile of road, 326.50 miles	63,042 20

GENERAL BALANCE SHEET.—Dr.

Construction account		
Equipment account		
Cash items:		
Cash	\$187,803 47	
Due from agents	96,066 24	
		283,869 71
Other assets:		
Materials and supplies	\$229,944 43	
Debit balances from companies and individuals	643,176 94	
		923,121 37
Total		\$20,583,277 83

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$6,600,000 00	
Funded debt.....	12,000,000 00	
		\$18,600,000 00
Unfunded debt:		
Interest unpaid (due Jan. 1, 1894)	\$223,600 41	
Notes payable.....	74,750 60	
Vouchers and accounts.....	1,512,962 20	
Other liabilities (list as follows):		
Salaries and wages (paid January, 1894).....	171,974 62	
		1,983,277 83
Total.....		\$20,583,277 83

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: January 7, 1890.	
Original cost to present company of road and equipment.....	\$12,889,800 78
Amount expended since purchase, account of construction.....	4,929,116 63
Amount expended since purchase, account of equipment.....	1,558,389 84
Total cost to date of report.....	\$19,377,256 75
Average cost per mile of road, not including sidings, 326.50 miles.....	59,383 10
Proportion of cost for Michigan.....	13,290,614 80

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions, new sidings, etc.....	\$63,774 85
Second track.....	2,586 18
New buildings.....	14,570 57
Machinery and tools.....	8,900 14
Improvement of locomotives.....	19,191 00
Improvement of cars.....	25,471 00
Total.....	\$184,793 74
Total charges to property account as above.....	184,793 74
Net addition to property account.....	134,793 74

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares.....	\$748,109 40
Through fares.....	1,472,748 08
Total passenger fares.....	\$2,220,858 38
Express and baggage.....	47,210 41
Mails.....	59,237 17
Other sources.....	23,884 09
Total passenger department earnings.....	\$2,350,640 05
Proportion for Michigan.....	\$1,488,881 33
Per train mile.....	1 24
Per mile of road.....	7,011 19

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$739,554 80
Through traffic.....	1,396,542 61
Total traffic.....	\$2,076,097 21
Total freight department earnings.....	2,076,097 21
Proportion for Michigan.....	\$1,417,148 57
Per train mile.....	1 09
Per mile of road.....	6,192 31
Total transportation earnings.....	\$4,428,788 16
Transportation earnings per mile of road.....	\$13,208 50
Transportation earnings per train mile.....	1 17
Miscellaneous receipts from operating account, other than for transportation, as follows:	
From other sources.....	2,125 27
Total.....	\$4,428,968 43
Total earnings from operation of road.....	4,428,968 43
Total earnings per mile of road.....	13,209 84
Total earnings per train mile.....	1 17
Proportion of taxable earnings for Michigan.....	2,907,899 83
Total taxable earnings per mile of road in Michigan.....	12,979 47
Total income from all sources.....	4,428,968 43
Proportion of income for Michigan.....	2,907,899 83

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$196,557 32
Renewals of rails.....	109,230 06
Renewals of ties.....	26,955 59
Repairs of bridges, including culverts and cattle guards.....	10,443 05
Repairs of fences, road crossings and signs.....	44,842 72
Repairs of buildings.....	
Total.....	<u>\$386,029 36</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$278,768 86
Repairs of passenger cars.....	198,048 98
Repairs of freight cars.....	187,018 31
Total.....	<u>\$663,836 10</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$414,880 27
Water supply.....	17,221 27
Oil and waste.....	30,975 88
Locomotive service.....	862,040 87
Passenger train service.....	190,000 01
Passenger train supplies.....	10,806 63
Mileage of passenger cars.....	44,900 01
Freight train service.....	268,000 50
Freight train supplies.....	17,613 37
Mileage of freight cars.....	167,825 48
Telegraph expenses (maintenance and operating).....	65,100 50
Damage and loss of freight and baggage.....	10,308 00
Damages to property and cattle.....	10,667 89
Personal injuries.....	111,072 53
Agents and station service.....	140,812 17
Station supplies.....	17,316 84
Total.....	<u>\$1,877,349 72</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$43,323 00
Salaries of clerks in general offices.....	62,944 44
Law expenses.....	20,148 29
Insurance.....	12,279 57
Stationery and printing.....	34,340 32
Outside agencies and advertising.....	198,045 42
Contingencies.....	20,876 40
Taxes.....	200,041 64
Total.....	<u>\$592,399 68</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	11.02	\$386,029 36
Maintenance of motive power and cars.....	18.33	663,836 10
Conducting transportation.....	52.31	1,877,349 72
General expenses, including taxes.....	16.32	592,399 68
Total operating expenses and taxes.....	100.00	<u>\$3,521,904 86</u>
Operating expenses and taxes per mile of road.....		\$10,503 79
Operating expenses and taxes per train mile run for trains, earning revenue, 3,791,276 miles.....		93
Proportion of operating expenses and taxes for Michigan:		
Main line.....		2,302,257 06
Total proportion of expenses for Michigan.....		2,302,257 06
Percentage of expenses to earnings.....	79.51	
Net earnings per mile of road.....		2,706 05
Net earnings per train mile.....		<u>24</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Port Huron, Michigan, to Chicago, Illinois, February 1, 1880.

MAIN LINE.

	Miles.
In Michigan, from Pt. Huron, Michigan, to Michigan and Indiana state line.....	224.00
In Indiana, from Michigan and Indiana state line to Indiana and Illinois state line.....	80.82
In Illinois, from Indiana and Illinois state line to Elsdon, Illinois.....	21.88
Total length completed.....	326.50
Length of double track on main line.....	20.11
Total length of road belonging to this company.....	326.50
Total length of road belonging to this company in Michigan.....	224.00
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	62.64
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	286.64

Gauge of track, 4 feet, 8½ inches.

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles.	In Michigan.
Grand Trunk Junction Railway Company from Elsdon, Illinois, to Chicago and Western Indiana R. R. Junction.....	2.90	
Chicago & Western Indiana R. R. Company from C. & W. I. R. R. Junction to Polk street depot, Chicago.....	4.87	
Total.....	8.77	
Total miles operated by the company.....	335.27	224.00

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Iron.....	21	1,892
Wooden trestles.....	51	1,600
Total.....	72	3,492

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Flint & Pere Marquette R. R. at Tunnel Station, Pt. Huron.
Flint & Pere Marquette R. R. and Grand Trunk R'y at Grand Trunk Junction, near Pt. Huron.
Bay City division of Michigan Central R. R. at Lapeer.
Flint & Pere Marquette R'y at Flint.
Detroit, Grand Haven & Milwaukee R. R. at Durand.
Cincinnati, Saginaw & Mackinaw R. R. at Durand.
Toledo, Ann Arbor & North Michigan R'y at Durand.
Detroit, Lansing & Northern R. R. at Trowbridge.
Michigan Central R. R. at Lansing, Charlotte, Battle Creek and Cassopolis.
Lake Shore & Michigan Southern R'y at Lansing and Schoolcraft.
Cincinnati, Jackson & Mackinaw R. R. at Battle Creek.
Grand Rapids & Indiana R. R. at Vicksburg.

What railroads cross your road either over or under your grade in this State, and where?

Under:

Pontiac, Oxford & Northern R. R., near Imlay City.

At what crossings are interlocking and derailing switches in operation?

Grand Trunk Junction, Lapeer, Trowbridge, Lansing, Nichols, Schoolcraft and Cassopolis.

What pattern or patterns have you adopted?

Union Switch & Signal Company's.

Number of crossings of highways at grade in this State.....	268
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	17
Number of crossings at which there are electric or automatic signals.....	11

What pattern or patterns in use?

Two O'Niell's crossing alarms and nine electric skeleton bells.

Number of crossings of highways over or under railroad:

Over.....

Under.....

Number of highway bridges 18 feet above track.....

Number of highway bridges less than 18 feet above track:

None.

Have safety guards been erected at over-head obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

With Hart's patent blocking and plank.

Stations.

Number of stations on whole line.....	92
Same in Michigan	46

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	2,835
Same in Michigan.....	1,894

Classify your employés as per following list:

Number.

Baggagemen.....	32
Brakemen.....	215
Conductors.....	93
Engineers.....	126
Firemen.....	132
Laborers.....	801
Shopmen.....	562
Yardmen.....	108
Others.....	766

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	456
--	-----

Road bed and track.

Number of track sections in Michigan.....	45
Average lengths of sections, miles.....	5
Average number of men in each section gang.....	5
Number of new ties put in whole line during the year.....	136,358
Number of new ties put in track in Michigan.....	103,294
Average number of new ties per mile of road.....	418
New rails put in track:	
Steel (898 tons), miles.....	8.48
Total miles of track laid with new rails.....	8.48

Bridges and culverts.

Amount of trestle work replaced with earth during the year (lineal feet)	252
Timber culverts replaced during the year:	
With iron pipe, number.....	13
With timber, number.....	29

ROLLING STOCK.

Present, esti-
Number, mated value.

Number of locomotives of more than 80 tons weight, exclusive of tender.....	108	\$864,000 00
Number of locomotives of 20 to 80 tons weight, exclusive of tender.....	28	115,000 00
Total.....	131	\$979,000 00
Number of passenger cars—12-wheel, including official cars.....	12	\$50,000 00
Number of passenger cars— 8-wheel, including official cars.....	18	66,600 00
Number of combination cars.....	17	31,400 00
Number of box freight cars.....	148	55,500 00
Number of stock cars.....	15	6,000 00
Number of platform cars.....	145	86,250 00
Number of conductors' way cars.....	63	37,800 00
Other cars.....	10	15,500 00
Total.....	428	\$299,050 00

Number of locomotives equipped with power brakes.....	181
Number of passenger train cars equipped with power brakes	47

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse air brake and Eames' vacuum.

131 locomotives with Westinghouse air brake and Eames' vacuum brakes.

30 coaches and 17 mail and baggage with Westinghouse air brakes.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Gould (master car builders).

How are your passenger cars heated?

Baker heater (hot water and steam).

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	1,864,529
Miles run by freight trains during the year.....	1,696,085
Miles run by mixed trains.....	236,731
Total mileage of trains earning revenue.....	3,791,376

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	361,103		
Number of local passengers carried.....	1,290,063		
Total number of passengers carried.....	1,651,166		
Total passenger mileage.....	164,847,016		
Average distance traveled by each passenger.....		99.8	
Average amount received from each passenger.....			\$1 34.50
Average rate of fare per mile for through passengers.....			01.23
Average rate of fare per mile for local passengers.....			01.70
Average rate of fare per mile for all passengers.....			01.35

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	983,771		
Number of tons of local freight carried.....	623,798		
Total tons of freight carried.....	1,559,569		
Total mileage of through freight.....	306,766,353		
Total mileage of local freight.....	83,884,467		
Total freight mileage, or tons carried one mile.....	389,650,820		
Average ton haul for through freight.....		326.8	
Average ton haul for local freight.....		134.5	
Average ton haul for all freight.....		249.8	
Average amount received for each ton haul.....			\$1 33.12
Average rate per ton per mile received for through freight.....			00.44
Average rate per ton per mile received for local freight.....			00.88
Average rate per ton per mile received for all freight.....			00.53

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	30,898
Flour.....	13,788
Provisions (beef, pork, lard, etc.).....	2,405
Animals.....	8,441
Other agricultural products.....	48,081
Lumber and forest products.....	68,353
Coal.....	8,125
Plaster, lime and cement.....	6,158
Salt.....	14,085
Petroleum.....	1,499
Railroad iron, iron and steel rails.....	145
Pig and bloom iron.....	1,487
Other iron and castings.....	5,299
Stone, brick and sand.....	2,648
Manufactures—articles shipped from point of production.....	17,303
Merchandise and other articles not enumerated above.....	27,028
Total forwarded.....	255,387

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	211,768	13.58
Flour.....	96,591	6.13
Provisions (beef, pork, lard, etc.).....	95,405	6.13
Animals.....	195,882	12.56
Other agricultural products.....	144,045	9.24
Lumber and forest products.....	153,892	9.87
Coal.....	134,012	8.59
Plaster, lime and cement.....	12,298	.79
Salt.....	44,942	2.88
Petroleum.....	8,531	.55
Railroad iron, iron and steel rails.....	6,911	.44
Pig and bloom iron.....	21,356	1.37
Other iron and castings.....	18,383	1.17
Ores.....	18,984	1.22
Stone, brick and sand.....	44,364	2.84
Manufactures—articles shipped from point of production.....	105,103	6.71
Merchandise and other articles not enumerated above.....	243,157	15.91
Total tons carried.....	1,559,569	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

National Express Company pays \$30.00 per day for local business averaging 7,000 lbs. per day, also \$70.48 for through business averaging 14,000 lbs. per day. Annual payment for through and local business to be not less than \$40,000.00. Freight taken at trains.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Cannot state. Western Union Telegraph Company.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Name of company.	General office.	Amount paid.
Pullman's Palace Car Co.....	Chicago, Ill.....	\$70,065 17
Wagner Palace Car Co.....	New York, N. Y.....	9,274 12
Total		\$79,339 29

TERMS.—Three cents per car per mile for Wagner cars and certain Pullman cars; other Pullman cars the exterior is kept in repair in lieu of mileage. Both of these companies get fares for berths and seats.

Fast Freight Lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Cannot state the amount paid " while in use for traffic between local points in this State."

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

January 3, H. F. Hughes, citizen, Bellevue. Struck by engine on crossing; his carelessness.
 July 4, W. Power, citizen, Scotts. Struck by engine on crossing; trainmen exonerated.
 July 23, Mrs. Colby, citizen, Morrice. Struck by engine on crossing; her carelessness.
 August 5, T. Higgins, citizen, Davison. Trespasser, struck by engine; his carelessness.
 September 12, C. G. Finney, farmer, Battle Creek. Struck by engine on crossing; his carelessness.
 September 13, Mrs. S. D. Goss, citizen, Haslett Park. Struck by engine on crossing; her carelessness.
 September 27, H. A. Newland, passenger, Bellevue. Rear end collision; carelessness of engineer.
 September 27, Mrs. H. A. Newland, passenger, Bellevue. Rear end collision; carelessness of engineer.
 October 20, E. J. Magoon, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. T. Worthman, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, W. W. Henry, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, A. Christie, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Chas. Strube, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. F. R. McKenzie, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, R. Findlay, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, T. A. McGarvey, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, C. C. Van Dusen and wife, passengers, Nichols. Collision; carelessness of trainmen.
 October 20, J. J. Brown, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, M. Reid, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. A. K. Warner, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Chas. Saxe and wife, passengers, Nichols. Collision; carelessness of trainmen.
 October 20, A. Bradley and wife, passengers, Nichols. Collision; carelessness of trainmen.
 October 20, Miss A. W. Worthman, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. S. C. Wood, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. J. B. Beardslee, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, R. E. Colgrove, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, T. R. Stringer, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, F. H. Smith, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. E. Aldrich, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. B. Wende, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. Dorland and wife, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. R. Vance, passenger, Nichols. Collision; carelessness of trainmen.

INJURED.

January 14, H. Splaine, engineer, Edwardsburg. Side rod broke; accidental.
 January 15, E. F. Holmes, brakeman, Flint. Coupling; accidental.
 February 3, J. Randolph, Lapeer. Trespasser; struck by engine.
 February 18, E. O. Taylor, brakeman, Lansing. Coupling; his carelessness.
 March 7, G. Lawrie, brakeman, Vicksburg. Coupling; accidental.
 March 9, E. A. Pember, brakeman, Renton. Shot by demented passenger; accidental.
 March 18, C. Collins, yardman, Nichols. Coupling; his carelessness.
 March 4, C. S. Neebitt, conductor, Durand. Train starting suddenly; accidental.
 March 19, C. DeGoust, newsboy, Marcellus. Struck by package of papers; accidental.
 March 21, W. Whitnights, trackman, Cassopolis. Rail fell on his foot; accidental.
 April 1, A. Bronson, Attica. Trespasser; struck by engine.
 April 10, W. S. Burnham, brakeman, Cassopolis. Coupling; his carelessness.
 April 26, H. Ryan, engineer, Lansing. Oil can exploded; accidental.
 May 4, G. A. Hildreth, brakeman, Durand. Fell from car; accidental.
 May 4, M. C. Carey, brakeman, Durand. Coupling; accidental.
 May 5, L. Pearson, Flint. Trespasser; fell from train.
 May 13, F. C. Gardner, brakeman, Flint. Jumping on train; his carelessness.
 June 7, S. McKenney, citizen, Battle Creek. Highway crossing; his carelessness.
 July 20, A. McCullough, brakeman, Climax. Coupling; his carelessness.
 July 30, G. W. McElroy, passenger, Battle Creek. Climbing between cars; his carelessness.
 August 19, W. Hadden, Pottsville. Trespasser; fell from train.
 September 16, H. L. Crouch, brakeman, Charlotte. Coupling; his carelessness.
 September 27, W. Postale, servant to the late H. A. Newland, Bellevue. Rear end collision; carelessness of engineer.
 September 27, W. Abernathy, servant to the late H. A. Newland, Bellevue. Rear end collision; carelessness of engineer.
 September 27, W. Jameson, fireman, Bellevue. Rear end collision; carelessness of engineer.
 November 2, R. D. Hamilton, brakeman, Swartz Creek. Coupling; his carelessness.
 October 20, J. Burke, conductor, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. H. Bushnell, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. H. Smith, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Mrs. J. H. Smith, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Miss W. E. Smith, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Miss P. Williams, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, F. Wurtz, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, W. Thompson, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, G. Vance, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, C. Beardalee, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, S. H. Baldwin, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, H. W. Williams, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Miss M. O. Grady, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, W. Ryerse, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. C. Stewart, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, Miss J. C. Stewart, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, F. Rogers, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, G. Shackleton, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. S. Archbell, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, E. Davidson, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, C. F. Adams, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, C. H. Ward, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, J. H. Smith, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, T. J. Monroe, passenger, Nichols. Collision; carelessness of trainmen.
 October 20, D. Anderson, passenger, Nichols. Collision; carelessness of trainmen.
 November 21, A. M. Ginton, Pottsville. Trespasser; struck by train.
 December 5, C. C. Carter, passenger, Emmett. Jumped from train; his carelessness.
 December 9, G. A. Hildreth, brakeman, Bancroft. Coupling; his carelessness.
 December 29, F. A. Francis, brakeman, Vicksburg. Coupling; his carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Collisions.....	30	-----	-----	26	2	-----
Coupling cars.....	-----	-----	-----	-----	11	-----
Falling from trains.....	-----	-----	-----	-----	1	-----
Getting on and off trains.....	-----	-----	-----	1	1	-----
Highway crossings.....	-----	-----	5	-----	-----	1
Miscellaneous.....	-----	-----	-----	1	5	-----
Trespassers on trains.....	-----	-----	1	-----	-----	2
Trespassers on tracks.....	-----	-----	-----	-----	-----	3
Total.....	30	-----	6	28	20	7

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	36
Number of persons injured during the year.....	55
Number of casualties purely accidental.....	10
Number resulting from lack of caution, carelessness, or misconduct.....	81
Trespassers and tramps killed or injured.....	6

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		13	13
Conductors.....		2	2
Engineers.....		2	2
Firemen.....		1	1
Yardmen.....		1	1
Not classified above.....		1	1
Total.....		20	20

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

William J. Spicer, general manager, and James H. Muir, treasurer, of the Chicago & Grand Trunk Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. J. SPICER, General Manager.

JAS. H. MUIR, Treasurer.

Subscribed and sworn to before me this 31st day of March, A. D. 1894.

[L. S.]

L. F. LANG,

Notary Public in and for Wayne County, Mich.

ANNUAL REPORT.

OF THE

CHICAGO, KALAMAZOO & SAGINAW RAILWAY COMPANY,

For the year ending December 31, 1893.

[Filed May 10, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

*President, A. J. BOWNE, Grand Rapids.**Vice President, W. S. DEWING, Kalamazoo.**Secretary, Auditor and Treasurer, H. C. POTTER, Kalamazoo.**General Manager, W. S. DEWING, Kalamazoo.**General Superintendent, L. SERGEANT, Kalamazoo.**Cashier, General Passenger and Freight Agent, H. C. POTTER, Kalamazoo.*

DIRECTORS.

W. S. DEWING, Kalamazoo, Mich.

LEROY CAHILL, Kalamazoo, Mich.

O. M. ALLEN, Kalamazoo, Mich.

H. F. BADGER, Kalamazoo, Mich.

A. J. BOWNE, Grand Rapids, Mich.

C. S. BURTON, Hastings, Mich.

Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 7, 1883; amended December 10, 1887.

Number of stockholders at date of last election: 10.

Number of stockholders in Michigan at same date: All.

Amount of full paid stock held in Michigan at same date: Subscribed \$71,500, paid in 5 per cent.

Date of annual meeting of stockholders: Second Tuesday in September.

Fiscal year of company ends: December 31.

General offices of the company are located at Kalamazoo, Mich.

REMARKS.

The Kalamazoo & Hastings Construction Company, Limited, entered into a contract with the corporation October 11, 1886, to build its road. Pending construction the road is being operated by the Construction Company on and for its own account, and the data herein contained is furnished by the said Construction Company for the purpose of making this report to the Commissioner of Railroads as required by law. No traffic statistics have been kept.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$53,514 25
Total expenses, including taxes.....	\$35,864 34	
Net income.....		\$17,649 91
Balance for the year.....		\$17,649 91
Balance (profit and loss) last year.....		80,125 54
Balance forward to next year.....		\$97,775 45

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$2,000,000 00
Par value of shares.....	\$100 00	
Amount paid in on shares not issued (number).....	715	\$3,575 00
Total amount paid in, as per books of the company.....		3,575 00
Paid in per mile of road owned by company.....		25 00

GENERAL BALANCE SHEET.—Dr.

Cash	\$3,575 00
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GENERAL BALANCE SHEET.—Cr.

Capital stock	\$3,575 00
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ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:

Local fares.....	\$21,088 10
Through fares.....	1,982 48
Total passenger fares.....	\$23,020 58
Express and baggage.....	748 79
Mails.....	1,925 40
Total passenger department earnings.....	\$25,694 72
Proportion for Michigan.....	\$25,694 72
Per mile of road.....	581 82

FREIGHT EARNINGS.

Main line and branches:

Total traffic.....	\$27,178 82
Other sources, freight department.....	840 71
Total freight department earnings.....	\$27,519 58
Proportion for Michigan.....	\$27,519 58
Per mile of road.....	622 61
Total transportation earnings.....	\$53,214 25
Transportation earnings per mile of road.....	\$1,208 94
Miscellaneous receipts from operating account, other than for transportation, as follows:	
From telegraph, telephone.....	300 00
Total earnings from operation of road.....	\$53,514 25
Total earnings per mile of road.....	\$1,210 73
Proportion of taxable earnings for Michigan.....	\$3,514 25
Total taxable earnings per mile of road in Michigan.....	1,210 73
Proportion of income for Michigan.....	\$3,514 25

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	}	\$3,573 84
Renewals of rails.....		
Renewals of ties.....		
Repairs of bridges, including culverts and cattle guards.....		
Repairs of fences, road crossings and signs.....		
Repairs of buildings.....		
Total		\$3,573 84

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	}	\$2,896 48
Repairs of passenger cars.....		
Repairs of freight cars.....		
Total.....		\$2,896 48

CONDUCTING TRANSPORTATION.

Fuel for locomotives and depots.....	\$4,948 89
Water supply.....	172 23
Oil and waste.....	425 80
Locomotive service, includes 5 and 8.....	6,281 09
Passenger train supplies, includes 9.....	38 15
Mileage of passenger cars, includes 10.....	643 79
Telegraph expenses (maintenance and operating).....	368 78
Damage and loss of freight and baggage includes 13 and 14.....	17 38
Agents and station service.....	4,451 90
Station supplies.....	104 77
Total.....	\$17,497 85

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$3,300 00
Salaries of clerks in general offices.....	1,274 45
Insurance.....	96 50
Stationery and printing.....	464 99
Outside agencies and advertising.....	171 07
Contingencies.....	515 40
Taxes.....	1,060 81
Total.....	\$6,896 22

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	24.00	\$5,573 84
Maintenance of motive power and cars.....	8.00	2,896 43
Conducting transportation.....	49.00	17,497 85
General expenses, including taxes.....	19.00	6,896 22
Total operating expenses and taxes.....	100.00	\$35,864 34
Operating expenses and taxes per miles of road.....		\$811 41
Total proportion of expenses for Michigan.....		25,864 34
Percentage of expenses to earnings.....	67.00	
Net earnings per mile of road.....		399 30

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Kalamazoo to Woodbury, September 1, 1890.

MAIN LINE.

	Miles.
In Michigan.....	44.20
Total length completed.....	44.20
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	4.00
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	48.20
Gauge of track, 4 feet 8½ inches.	

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	28	1,480

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

C. J. & M. E. R. at Richland Junction.
M. C. E. R. at Hastings.
L. S. & M. S. R. R. at Kalamazoo, connecting "Y."

At what crossings are interlocking and derailing switches in operation?
All.

What pattern or patterns have you adopted?
Gravitt Int. S. & S. Co.
Union S. & S. Co.

Number of crossings of highways at grade in this State:

Sixty-four.

Number of crossings of highways at grade in this State at which there are gates or flagmen:

One.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Wood.

Stations.

Number of stations on whole line.....	12
Same in Michigan.....	12

Employees.

Number of persons regularly employed on all roads operated by the company, including officials.....	53
Same in Michigan.....	53

Classify your employees as per following list:

Number.

Brakemen.....	2
Conductors.....	2
Engineers.....	2
Firemen.....	2
Laborers.....	21
Yardmen.....	2
Others.....	22

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?

Eighty-seven.

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

None.

Road bed and track.

Number of track sections in Michigan.....	7
Average lengths of sections, miles.....	6 1/4
Average number of men in each section gang.....	3
Number of new ties put in whole line during the year.....	12,000
Number of new ties put in track in Michigan.....	12,000

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	3	\$14,000 00
Number of passenger cars—8-wheel, including official cars.....	2	4,000 00
Number of express and baggage cars.....	1	1,200 00
Number of box freight cars.....	2	900 00
Number of platform cars.....	10	2,000 00
Number of conductors' way cars.....	1	200 00
Other cars.....	15	400 00
Total.....	34	\$25,700 00

Number of locomotives equipped with power brakes.....	3
Number of passenger train cars equipped with power brakes.....	3
Number of freight cars equipped with power brakes.....	1

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road?

American Express.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
45 miles; owned by company. Operating telephones.

STATE OF MICHIGAN, } ss.
COUNTY OF KALAMAZOO, }

W. S. Dewing, vice president, and H. C. Potter, secretary, of the Chicago, Kalamazoo & Saginaw Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1892, to the best of their knowledge and belief.

[L. S. OF M. E.]

Signed,

W. S. DEWING, *Vice President*,
H. C. POTTER, *Secretary*.

Subscribed and sworn to before me this 9th day of May, A. D. 1894.

FRED L. AUSTIN,
Notary Public in and for Kalamazoo Co., Mich.

ANNUAL REPORT
OF THE
CHICAGO, MILWAUKEE & SAINT PAUL RAILWAY CO.,

For the year ending December 31, 1893.

[Filed March 27, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, ROSWELL MILLER, Chicago.
Vice President, FRANK S. BOND, New York.
Secretary, P. M. MYERS, Milwaukee.
General Auditor, W. N. D. WINNE, Chicago.
Treasurer, F. G. RANNEY, Chicago.
General Manager, A. J. EARLING, Chicago.
General Superintendent, W. G. COLLINS, Chicago.
Assistant General Superintendent, E. W. McKENNA, Milwaukee.
Division Superintendent, H. M. BELL, Green Bay.
Chief Engineer, D. J. WHITTEMORE, Chicago.
Superintendent of Telegraph, U. J. FREY, Milwaukee.
General Passenger Agent, G. H. HEAFFORD, Chicago.
General Freight Agent, J. H. HILAND, Chicago.
General Counsel, JOHN W. CARY, Chicago.

DIRECTORS.

PHILIP D. ARMOUR, Chicago.
AUGUST BELMONT, New York.
FRANK S. BOND, New York.
CHAS. D. DICKEY, JR., New York.
PETER GEDDES, New York.
FREDERICK LATTON, Milwaukee.
JOSEPH MILBANK, New York.
ROSWELL MILLER, Chicago.
J. M. MCKINLAY, New York.
WM. ROCKEFELLER, New York.
SAMUEL SPENCER, New York.
A. VAN SANTVOORD, New York.
J. HOOD WRIGHT, New York.

Terms expire September, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 5, 1863.
Number of stockholders at date of last election: 4,088.
Number of stockholders in Michigan at same date: 8.
Amount of full paid stock held in Michigan at same date: \$60,100.00.
Date of annual meeting of stockholders: September.
Fiscal year of company ends: June 30.
General offices of the company are located Chicago, Ill.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$33,005,570 54
Total expenses, including taxes	\$21,799,675 31	
Net income		\$11,205,895 20
Interest on funded debt	\$7,254,949 48	
Rentals of engines and cars		7,254,949 48
Balance applicable to dividends		\$3,950,945 72
Dividends declared, 7 per cent, preferred } } common }		8,688,770 64
Balance for the year		\$312,175 08
Balance (profit and loss) last year		7,406,909 57
Total		\$7,718,484 65
Items not included in above, as follows:		
Other deductions from income	\$334,123 80	
Income from other sources	122,139 92	
		211,983 88
Balance forward to next year		\$7,506,500 77

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		Not fixed.
Par value of shares	\$100 00	
Number of shares issued	719,511.61	
Amount paid in on common	\$46,027,261 00	
Amount paid in on preferred	25,928,900 00	
Total amount paid in as per books of the company		\$71,951,161 00
Paid in per mile of road owned by company, miles 6,154.29		11,691 22

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount out-standing.
Milwaukee & St. Paul R'y				\$14,000 00
Iowa & Minnesota Division				2,882,000 00
Prairie du Chien " 2d m't'ge				1,207,000 00
Wisconsin Valley				2,816,000 00
General mortgage				19,198,000 00
Added:				
Milwaukee & Nor'n R. R. 1880	6%	1910	New York..	2,155,000 00
" " " " 1884 consols	6%	1913	" " ..	5,082,250 00
Total funded debt				\$137,886,250 00

FUNDED DEBT, JUNE 30, 1893.

Description of bonds.	Time.		Amount outstanding.	Interest.		
	Date of issue.	When due.		Rate.	When payable.	Amount earned during the year.
<i>a</i> Milwaukee & St. Paul R'y.	1893	1-98	\$28,000 00	7 per cent.	Jan. and July.	\$110,319 46
<i>c</i> Iowa & Minnesota Division	1897	1898	3,012,000 00	8	Feb. and Aug.	218,060 00
<i>c</i> Prairie du Chien	1898	1898	3,674,000 00	7.5	"	294,290 00
<i>c</i> Chicago & Milwaukee	1898	1898	1,233,000 00	7	"	88,960 50
<i>c</i> Chicago & St. Paul (or River)	1898	1898	2,393,000 00	7	"	167,310 00
<i>c</i> St. Paul (or River)	1898	1898	3,343,000 00	7	"	223,435 00
<i>c</i> St. Paul (or River)	1898	1898	461,500 00	7	"	32,132 50
<i>c</i> Iowa & Dakota	1899	1899	540,000 00	7	"	37,000 00
<i>c</i> Hastings & Dakota	1899	1899	59,000 00	7	"	6,395 00
<i>c</i> Consolidated Mortgage.	1899	1899	186,000 00	7	"	13,020 00
<i>c</i> Terminal	1899	1899	11,299,000 00	7	"	791,175 00
<i>c</i> Iowa & Dakota Division Extension	1899	1899	4,745,000 00	7	"	327,400 00
<i>c</i> Hastings & Dakota Division Extension	1899	1899	5,890,000 00	7	"	397,000 00
<i>c</i> Southwestern Division	1899	1899	990,000 00	7	"	69,500 00
<i>c</i> La Crosse & Dayenport Division	1899	1899	4,000,000 00	6	"	240,000 00
<i>c</i> Chicago & Pacific Western	1899	1899	3,000,000 00	6	"	179,730 00
<i>c</i> Southern Minnesota	1899	1899	25,340,000 00	6	"	1,297,000 00
<i>c</i> Mineral Point	1899	1899	7,432,000 00	6	"	445,390 00
<i>c</i> Wisconsin Valley	1899	1899	2,940,000 00	6	"	142,000 00
<i>c</i> Chicago & Lake Superior	1899	1899	6,665,000 00	6	"	393,860 00
<i>c</i> Chicago & Mississippi River	1899	1899	2,241,000 00	6	"	124,020 00
<i>c</i> Dakota & Great Southern R'y	1899	1899	4,755,000 00	6	"	237,750 00
<i>c</i> Fargo & Southern R'y	1899	1899	3,093,000 00	6	"	154,150 00
<i>c</i> Minnesota Central R'y	1899	1899	2,853,000 00	6	"	143,650 00
<i>c</i> Wisconsin Valley R. R.	1899	1899	1,250,000 00	6	"	75,000 00
<i>c</i> Fargo & Southern R'y, Income	1899	1899	1,106,500 00	7	"	8,785 00
<i>c</i> Real Estate	1899	1899	87,500 00	7	"	77,455 00
<i>c</i> Income Sinking Fund Convertible	1899	1899	2,500,000 00	5 per cent.	Mar. and Sept.	11,070 00
<i>c</i> General Mortgage	1899	1899	1,690,000 00	5	Jan. and July.	11,240 00
<i>c</i> Total	1899	1899	19,130,000 00	4	"	88,724 47
<i>c</i> Total	1899	1899	\$190,805,500 00	4	"	\$7,065,315 71

a Bonds thus designated are payable on presentation. Interest ceased January 1, 1893.*b* Bonds thus designated are payable on presentation. Interest ceased April 1, 1898.*c* Bonds thus designated are convertible into preferred stock at any time within ten (10) days after a dividend becomes payable on said preferred stock.*d* Bonds thus designated are convertible into preferred stock at any time within fifteen (15) days after a dividend becomes payable on said preferred stock.*e* Bonds thus designated are exchangeable for common stock at any time within sixty (60) days after any dividend becomes payable on the stock of the company.*f* The authorized issue of these bonds is \$5,000,000, of which but \$2,000,000 have been sold.*g* Bonds thus designated are payable, principal and interest, in gold, at the office of the company, in New York.*h* Bonds thus designated are payable, principal and interest, in gold, in London.

UNFUNDED DEBT.	
For miscellaneous.....	\$5,706,210 19
Total unfunded debt.....	\$5,706,210 19
Current assets, \$9,748,455.41.	
RECAPITULATION.	
Total funded debt.....	\$187,886,250 00
Total unfunded debt.....	5,706,210 19
Total debt liabilities.....	\$148,592,460 19
Amount of debt liabilities per mile of road, 6,154.29 miles.....	28,832 09
Total amount of stock and debt.....	209,887,411 00
Stock and debt per mile of road, 6,154.29 miles.....	34,096 12

GENERAL BALANCE SHEET.—Dr.	
Construction account.....	\$209,889,157 55
Equipment account.....	
Other investments:	
Stocks owned.....	\$808,761 77
Bonds owned.....	230,525 00
Real estate.....	12,370 70
	1,052,557 47
Cash items:	
Cash.....	\$1,844,318 17
Bills receivable.....	1,000,000 00
Due from agents.....	331,019 87
Due from U. S. government.....	270,308 58
	3,445,541 62
Other assets:	
Materials and supplies.....	\$2,359,951 53
Sinking funds.....	482,896 58
Debit balances from companies and individuals.....	36,907 21
	2,879,745 32
Bonds in treasury.....	\$5,778,350 00
Stock in treasury.....	4,770 00
	5,783,120 00
Total.....	\$228,050,121 96

GENERAL BALANCE SHEET.—Cr.	
Capital stock.....	\$71,951,161 00
Funded debt.....	137,886,250 00
Unfunded debt:	
Interest unpaid.....	\$2,201,150 08
Dividends unpaid.....	28,949 92
Notes payable.....	1,428,068 47
Vouchers and accounts.....	2,038,011 73
	5,706,210 19
Profit and loss or income accounts.....	7,506,500 77
Total.....	\$228,050,121 96

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$209,889,157 55
Average cost per mile of road, not including sidings, miles 6,154.29.....	34,104 53
Proportion of cost for Michigan, miles 153.80.....	5,247,228 94

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Equipment.....	\$154,125 81
Real estate and right of way.....	97,696 28
Buildings.....	108,241 79
Road houses and shops.....	5,998 91
Bridges.....	229,322 05
Sidings.....	153,810 60
Second track.....	873,846 10
Ballasting.....	253,631 91
Fences.....	52,144 59
Culverts.....	46,000 61
Signals.....	22,846 53
Discount on bonds.....	700,000 00
Extensions.....	104,971 57
Purchase of road.....	18,845,167 69
Sundries.....	15,941 23
Total charges.....	\$16,168,255 77
Total charges to property account as above.....	\$16,168,255 77
Property sold and credited.....	17,029 17
Net addition to property account.....	\$16,151,166 00

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$7,061,107 53	
Through fares.....	840,510 37	
Total passenger fares.....	\$7,901,917 90	
Express and baggage.....	738,791 82	
Mails.....	1,039,696 27	
Other sources.....	440,678 44	
Total passenger department earnings.....		\$10,116,083 48
Proportion for Michigan.....	\$71,585 82	
Per mile of road.....	463 44	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$18,687,261 54	
Through traffic.....	3,927,257 92	
Total traffic.....	\$22,614,519 46	
Total freight department earnings.....		22,614,519 46
Proportion for Michigan.....	\$119,515 64	
Per mile of road.....	777 09	
Total transportation earnings.....		\$33,790,602 89
Transportation earnings per mile of road.....	\$5,818 84	
Transportation earnings per train mile.....	1 43.82	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
Elevators.....	\$103,330 37	
From telegraph.....	35,906 18	
From rentals.....	100,811 94	
From stock yards.....	34,837 16	
Total.....		274,967 65

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

	Michigan.	
Freight.....	\$119,515 64	
Passenger.....	56,129 00	
Mails.....	10,814 23	
Express.....	3,715 23	
News.....	254 00	
Extra baggage.....	579 11	
Sleeping cars.....	81 68	
Rents.....	16 00	
	* \$191,116 96	
Total earnings from operation of road.....		\$33,005,570 54
Total earnings per mile of road.....	\$5,363 02	
Total earnings per train mile.....	1 45.08	
Proportion of taxable earnings for Michigan *actual.....	191,116 96	
Total taxable earnings per mile of road in Michigan.....	1,242 63	
Income other than from earnings.....		182,139 92
Total income from all sources.....		\$33,127,710 46
Proportion of income for Michigan.....	\$828,192 76	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$2,008,715 25
Renewals of rails.....	805,339 50
Renewals of ties.....	1,102,433 09
Repairs of bridges, including culverts and cattle guards.....	616,434 98
Repairs of fences, road crossings and signs.....	67,735 05
Repairs of buildings.....	288,430 66
Total.....	\$4,864,068 52

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$1,304,384 70
Repairs of passenger cars.....	488,254 76
Repairs of freight cars.....	1,418,195 19
Repairs of tools and machinery.....	96,666 86
Total.....	<u>\$3,317,531 01</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$2,469,958 25
Water supply.....	64,833 77
Oil and waste.....	150,184 19
Locomotive service.....	2,046,409 16
Passenger train service.....	574,899 98
Passenger train supplies.....	93,649 18
Freight train service.....	1,191,477 87
Freight train supplies.....	105,855 27
Mileage of freight cars.....	278,263 70
Damage and loss of freight and baggage.....	114,960 17
Damages to property and cattle.....	55,499 87
Personal injuries.....	291,283 91
Agents and station service.....	2,933,014 83
Station supplies.....	193,151 38
Switching charges, etc.....	893,553 36
Total.....	<u>\$10,955,583 74</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$327,150 82
Salaries of clerks in general offices.....	307,129 16
Law expenses.....	149,398 61
Insurance.....	93,084 87
Stationery and printing.....	123,767 55
Outside agencies and advertising.....	189,292 82
Contingencies.....	340,218 63
Taxes.....	1,127,466 11
Total.....	<u>\$3,682,517 07</u>

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$4,864,088 53
Maintenance of motive power and cars.....	3,317,531 01
Conducting transportation.....	10,955,583 74
General expenses, including taxes.....	2,682,517 07
Total operating expenses and taxes.....	<u>\$21,799,675 34</u>
Operating expenses and taxes per mile of road.....	\$3,542 19
Operating expenses and taxes per train mile run for trains earning revenue, 22,758,528 miles.....	95.79
Proportion of operating expenses and taxes for Michigan.....	544,991 88
Total proportion of expenses for Michigan.....	544,991 88
Percentage of expenses and taxes to earnings.....	66.06
Net earnings per mile of road.....	1,820 83
Net earnings per train mile.....	<u>49.24</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
Detailed statement attached to "original" report is the only one we have.

MAIN LINE.

Miles.

We have no such classification as main line and branches.

Length of double track on line.....	200.90
Total length of road belonging to this company.....	6,154 29
Total length of road belonging to this company in Michigan.....	153.80
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	38.23
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	192.08
Gauge of track, 4 feet 8½ inches, standard.....	6,000.54
Gauge of track, 3 feet, narrow.....	<u>153.75</u>

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	11	983
Iron bridges.....	2	190
Wooden trestles.....	147	16,313
Total.....	160	17,485

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

C. & N. W. R. R. at Wabik.
 C. & N. W. R. R. at Balsam.
 D., S. S. & A. R. R. at Sidnaw.
 D., S. S. & A. R. R. at Republic.
 D., S. S. & A. R. R. at Republic, 2½ miles north.
 Nester Logging R. R. at Sidnaw.

What railroads cross your road either over or under your grade in this State, and where?

Under: C. & N. W. R. R. at Iron Mountain.

At what crossings are interlocking and derailing switches in operation?

At Wabik with C. & N. W. Ry.
 At Sidnaw with D., S. S. & A. Ry.
 At 2½ miles north of Republic with D., S. S. & A. Ry.

What pattern or patterns have you adopted?

Union Switch & Signal Co.

Number of crossings of highways at grade in this State: 53.

Number of crossings of highways at grade in this State at which there are gates or flagmen: 3.

Have safety guards been erected at over head obstructions? Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884? Yes.

How are they treated? Blocked with 3 in. hard wood.

Stations.

Number of stations on whole line.....	870
Same in Michigan.....	27

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	23,500
Same in Michigan.....	173

Classify your employees as per following list:

	Number.
Baggagemen.....	1,654
Brakemen.....	
Conductors.....	
Engineers.....	1,064
Firemen.....	1,065
Laborers.....	4,999
Shopmen.....	4,107
Yardmen.....	1,326
Others.....	8,545

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	Miles.
	56

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Dickinson.....	76
Marquette.....	54
Iron.....	54
Baraga.....	13
Houghton.....	20
Ontonagon.....	30
Total miles required.....	246

Road bed and track.

Number of track sections in Michigan.....	22
Average length of sections, miles.....	7
Average number of men in each section gang.....	8
Number of new ties put in track in Michigan.....	29,013
Average number of new ties per mile of road, Michigan.....	188
New rails put in track:	
Steel, tons 25,1740; feet, 1,143.	

Bridges and culverts.

Amount of trestle work replaced with earth during the year, linear feet	879
With iron pipe—number	1
With timber—number	84

New bridges built during the year:

Four pile bridges renewed during year	Feet in length.
	340

ROLLING STOCK.

	Number.
Number of locomotives of more than 30 tons weight, exclusive of tender	810
Number of locomotives of 20 to 30 tons weight, exclusive of tender	21
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2

Total	838
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Number of passenger cars—12-wheel, including official cars	153
Number of passenger cars—8-wheel including official cars	262
Number of parlor (16) sleeping (55) and dining cars (8)	79
Number of express and baggage cars	235
Number of box freight cars	18,662
Number of box freight cars, refrigerator	329
Number of stock cars	2,756
Number of platform cars	5,626
Number of ore cars	246
Number of log cars	85
Number of conductors' way cars	467
Other cars as follows: Tool, derrick, wrecking, pile driver, etc.	68

Total number	29,058
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Number of locomotives equipped with power brakes	721
Number of passenger train cars equipped with power brakes	782
Number of freight cars equipped with power brakes	6,157

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse air—locomotives, 684; cars, 6,839.

Vacuum—locomotives, 15.

Steam—locomotives, 72.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

M. C. B. type.

How are your passenger cars heated?

Steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	7,806,818
Miles run by freight trains during the year	13,986,501
Miles run by mixed trains	1,016,712
Total mileage of trains earning revenue	22,758,526

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	228,388		
Number of local passengers carried	8,315,764		
Total number of passengers carried	8,544,152		
Total passenger mileage		861,828,220	
Average distance traveled by each passenger		42.70	
Average amount received from each passenger			\$0.92.480
Average rate of fare per mile for through passengers			02.048
Average rate of fare per mile for local passengers			02.181
Average rate of fare per mile for all passengers			02.166

<i>Freight traffic.</i>		Tons.	Miles.	Rate.
Number of tons of through freight carried		2,681,339		
Number of tons of local freight carried		8,679,401		
Total tons of freight carried		11,360,734		
Total mileage of through freight		528,529,680		
Total mileage of local freight		1,665,487,729		
Total freight mileage, or tons carried one mile		2,192,017,389		
Average ton haul for through freight			196.36	
Average ton haul for local freight			191.89	
Average ton haul for all freight			192.95	
Average amount received for each ton haul				\$1 99.059
Average rate per ton per mile, received for through freight				00.748
Average rate per ton per mile, received for local freight				01.122
Average rate per ton per mile, received for all freight				01.082

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	418
Flour	885
Provisions (beef, pork, lard, etc.)	358
Animals	450
Other agricultural products	434
Lumber and forest products	154,906
Coal	248
Plaster, lime and cement	39
Salt	4
Petroleum	167
Railroad iron, iron and steel rails	67
Pig and bloom iron	424
Other iron and castings	125
Ores	248,818
Stone, brick and sand	3,416
Manufactures—articles shipped from point of production	2,067
Merchandise and other articles not enumerated above	8,442
Total forwarded	418,263

Tonnage of articles transported—entire road.

	Tons.
Total tons carried	11,360,734

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Company does a regular express business, paying a rate per day up to a certain weight transported. On excess over this weight a rate per cwt. is paid. The railroad company keeps cars in repair and receives and delivers express matter at the railroad depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

6,044 miles of line—19,021.40 miles of wire. For the construction of the telegraph lines the Western Union Telegraph Company, or the Northwestern Telegraph Company in some cases, furnished some material and claim joint ownership. Amount not definitely fixed.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Pullman Palace Car Company, Chicago, Ill.

No compensation. Railroad company keeps cars in repair.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Any fast freight line may run cars over this road; we pay $\frac{1}{2}$ cent per mile car mileage.
No local freight handled in these cars.

REPORT OF ACCIDENTS FOR MICHIGAN DURING YEAR 1893.

KILLED.

May 20, Alvin Barber, switchman, Iron Mountain. Knocked off car by cable across track.
August 7, Bert Reynolds, "boy," Iron Mountain. Stealing ride, fell and was run over.

INJURED.

February 28, Caleb F. Ball, engineer, Channing. Engine derailed; rib broken.
June 5, N. M. Howard, carpenter, Iron Mountain. Fell from hand car; rib broken.
November 11, Chas. Healin, yardmaster, Menominee. Car derailed; instep broken.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Deraillments					2	
Falling from trains		1				
Miscellaneous					1	
Trespassers			1			
Total		1	1		3	

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year	2
Number of persons injured during the year	3
Number of casualties purely accidental	4
Number resulting from lack of caution, carelessness, or misconduct	1
Trespassers and tramps killed or injured	1

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Engineers		1	1
Shopmen		1	1
Yardmen	1	1	2
Total	1	2	3

STATE OF ILLINOIS, } ss.
COUNTY OF COOK, }

F. G. Ranney, Treas., and W. N. D. Winne, general auditor, of the Chicago, Milwaukee & St. Paul Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. E.]

Signed,

F. G. RANNEY.
W. N. D. WINNE.

Subscribed and sworn to before me this 28th day of March, A. D. 1894.

[L. S.]

WM. F. SCHMIDT.
Notary Public.

ANNUAL REPORT
OF THE
CHICAGO & NORTHWESTERN RAILWAY COMPANY,

For the year ending December 31, 1893.

[Filed March 19, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, MARVIN HUGHITT, Chicago, Ill.
Vice President, M. L. SYKES, New York, N. Y.
Secretary, M. L. SYKES, New York, N. Y.
Auditor, J. B. REDFIELD, Chicago, Ill.
Treasurer, M. L. SYKES, New York, N. Y.
General Manager, JOHN M. WHITMAN, Chicago, Ill.
General Superintendent, S. SANBORN, Chicago, Ill.
Division Superintendents, lines in Michigan:
 W. B. LINSLEY, Escanaba, Mich.
 GEORGE F. BIDWELL, Kaukauna, Wis.
Chief Engineer, JOHN E. BLUNT, Chicago, Ill.
Superintendent of Telegraph, GEORGE H. THAYER, Chicago, Ill.
Second Vice President, M. M. KIRKMAN, Chicago, Ill.
General Passenger and Ticket Agent, W. A. THRALL, Chicago, Ill.
General Freight Agent, H. R. MCCOLLOUGH, Chicago, Ill.
General Counsel, LLOYD W. BOWERS, Chicago, Ill.

DIRECTORS.

DAVID P. KIMBALL, Boston, Mass.
 CHAUNCEY M. DEFEW, New York, N. Y.
 SAMUEL F. BARGER, New York, N. Y.
 ALBERT KEEF, Chicago, Ill.
 M. L. SYKES, New York, N. Y.
 JAMES C. FARGO, New York, N. Y.
 Terms expire June, 1894.
 HORACE WILLIAMS, Clinton, Iowa.
 JOHN M. BURKE, New York, N. Y.
 MARVIN HUGHITT, Chicago, Ill.
 N. K. FAIRBANK, Chicago, Ill.
 Terms expire June, 1895.
 BYRON L. SMITH, Chicago, Ill.
 PERCY R. PYNE, New York, N. Y.
 F. W. VANDERBILT, New York, N. Y.
 W. K. VANDERBILT, New York, N. Y.
 H. MCK. TWOMBLY, New York, N. Y.
 JOHN I. BLAIR, Blairstown, N. J.
 Terms expire June, 1896.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 7, 1859.
 Number of stockholders at date of last election: 4,070.
 Number of stockholders in Michigan at same date: 9.
 Amount of full paid stock held in Michigan at same date: \$116,700.00.
 Date of annual meeting of stockholders: First Thursday in June.
 Fiscal year of company ends: May 31.
 General offices of the company are located at Chicago, Ill.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$22,472,218 89
Total expenses, including taxes	\$31,752,347 90	
Net income		\$10,719,870 99
Interest on funded and unfunded debt	\$5,785,973 00	
3¼ sink funds	197,150 00	
Balance applicable to dividends		\$4,786,747 99
Dividends declared:		
6 per cent on common	\$3,312,144 00 }	\$3,906,594 00
7 per cent on preferred	1,563,450 00 }	
Balance for the year		\$890,153 99
Balance (profit and loss) last year	\$8,674,288 05	
Items not included in above, as follows:		
Loss charged to income account for expenses and renewals and losses, account Milwaukee fire	222,899 96	
		8,451,418 09
Balance forward to next year		\$9,331,573 06

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association: No fixed amount.	
Par value of shares	\$100 00
Common stock outstanding (including stock of proprietary railroads)	\$44,190,365 97
Preferred stock outstanding	22,338,454 56
Total amount outstanding, including stock of proprietary railroads, as per books of the company	66,528,820 53
Paid in per mile of road owned by C. & N. W. and proprietary companies, 4,970.76 miles	12,384 08

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Name of bond.	Issued.	Due.	Interest.		Amount.
			Rate.	Payable.	
C. R. & M. R., 2d division	Aug. 1, 1863.	Feb. 1, 1894.	7%	Feb. 1 and Aug. 1.	\$382,000
M. L. S. & W. R'y, equip. of '85.	Jan. 2, 1885.	Jan. 1, 1895.	6%	Jan. 1 and July 1.	200,000
M. L. S. & W. R'y, H. & O. branch, 1st	Apr. 1, 1886.	Apr. 1, 1896.	6%	Apr. 1 and Oct. 1.	75,000
Maple River R. R.	July 1, 1877.	July 1, 1897.	7%	Jan. 1 and July 1.	402,500
Chicago & Milwaukee R'y.	July 1, 1863.	July 1, 1896.	7%	Jan. 1 and July 1.	1,700,000
Peninsula R. R.	July 1, 1863.	Sept. 1, 1898.	7%	Mar. 1 and Sept. 1.	126,000
Iowa Midland R'y.	Aug. 1, 1870.	Oct. 1, 1900.	8%	Apr. 1 and Oct. 1.	1,360,000
Escanaba & Lake Superior R'y	July 1, 1881.	July 1, 1901.	6%	Jan. 1 and July 1.	720,000
Iowa Division, 1st mortgage	Apr. 1, 1891.	Apr. 1, 1902.	4½%	Apr. 1 and Oct. 1.	1,411,000
General Consol., gold	Nov. 30, 1872.	Dec. 1, 1902.	7%	June 1 and Dec. 1.	12,336,000
Milwaukee & Madison R'y.	Sept. 1, 1880.	Sept. 1, 1905.	6%	Mar. 1 and Sept. 1.	1,600,000
Chicago & Tomah.	Sept. 1, 1880.	Nov. 1, 1905.	6%	May 1 and Nov. 1.	1,522,000
Chicago, Milwaukee & N. W. R'y	May 1, 1882.	Nov. 1, 1905.	6%	May 1 and Nov. 1.	760,000
Menominee River R. R.	July 1, 1876.	July 1, 1906.	7%	Jan. 1 and July 1.	400,000
Menominee River Extension	Jan. 1, 1886.	July 1, 1906.	7%	Jan. 1 and July 1.	160,000
Des Moines & Minnesota R. R.	Feb. 1, 1882.	Feb. 1, 1907.	7%	Feb. 1 and Aug. 1.	600,000
M. L. S. & W. R'y, debentures of 1907.	Feb. 1, 1887.	Feb. 1, 1907.	7%	Feb. 1 and Aug. 1.	450,000
Dakota Central R'y, W. & St. P. con.	May 1, 1882.	Sept. 1, 1907.	6%	Mar. 1 and Sept. 1.	1,065,000
Dakota Central R'y, Southeast Div.	Nov. 1, 1882.	Nov. 1, 1907.	6%	May 1 and Nov. 1.	2,000,000
W. & St. P. R. R., 2d mortgage	Nov. 1, 1887.	Nov. 1, 1907.	7%	May 1 and Nov. 1.	1,592,000
Roch. & North Minnesota R'y	Sept. 1, 1878.	Sept. 1, 1908.	7%	Mar. 1 and Sept. 1.	200,000
Plainview R. R.	Sept. 1, 1878.	Sept. 1, 1908.	7%	Mar. 1 and Sept. 1.	100,000
Minnesota Valley R'y	Oct. 1, 1878.	Oct. 1, 1908.	7%	Apr. 1 and Oct. 1.	150,000
Ott. C. F. & St. Paul R'y	Mar. 1, 1884.	Mar. 1, 1909.	8%	Mar. 1 and Sept. 1.	1,600,000
C. R. & M. R., 7 per cent of 1884.	June 1, 1884.	July 1, 1909.	7%	June 1 and Dec. 1.	798,000
Debentures of 1909.	July 1, 1884.	Nov. 1, 1909.	5%	May 1 and Nov. 1.	4,200,000
Northern Illinois R'y	Apr. 1, 1885.	Mar. 1, 1910.	5%	Mar. 1 and Sept. 1.	1,500,000
Madison Extension	Apr. 1, 1871.	Apr. 1, 1911.	7%	Apr. 1 and Oct. 1.	8,150,000
M. L. S. & W. R'y, income bonds	May 2, 1881.	May 1, 1911.	6%	May 1 and Nov. 1.	500,000
Menominee Extension	June 1, 1871.	June 1, 1911.	7%	June 1 and Dec. 1.	2,697,000
Consol. Sinking Fund	Jan. 16, 1863.	Feb. 1, 1915.	7%	{ Feb. 1 and Mar. 1 } { Aug. 1 and Nov. 1 }	12,774,000
C. R. & M. R., 3d division	May 1, 1866.	May 1, 1916.	7%	May 1 and Nov. 1.	2,332,000
W. & St. P. R. R. Extension, gold	Dec. 1, 1871.	Dec. 1, 1916.	7%	June 1 and Dec. 1.	4,241,000
Northwestern Union R'y	June 1, 1872.	June 1, 1917.	7%	Mar. 1 and Sept. 1.	3,500,000
Debentures of 1921.	Feb. 28, 1891.	Apr. 15, 1921.	5%	Apr. 15 and Oct. 15.	10,000,000
M. L. S. & W. R'y, Consol. 1st m't'g.	May 2, 1881.	May 1, 1921.	6%	May 1 and Nov. 1.	5,000,000
M. L. S. & W. R'y, Marshallfield Ext., 1st	Oct. 1, 1892.	Oct. 1, 1922.	5%	Apr. 1 and Oct. 1.	400,000
M. L. S. & W. R'y, Mich. Div., 1st.	June 20, 1884.	July 1, 1924.	6%	Jan. 1 and July 1.	1,281,000
M. L. S. & W. R'y, Ashland Div., 1st.	Mar. 2, 1885.	Mar. 1, 1925.	6%	Mar. 1 and Sept. 1.	1,000,000
C. & N. W. R'y, Extension of 1886.	Apr. 15, 1886.	Aug. 15, 1926.	4%	Feb. 15 and Aug. 15.	15,632,000
M. L. S. & W. R'y Ext., imp. m't'g.	Feb. 1, 1899.	Feb. 1, 1929.	5%	Feb. 1 and Aug. 1.	4,148,000
Consol. S. F. of 1879	Oct. 1, 1879.	Oct. 1, 1929.	6%	Apr. 1 and Oct. 1.	6,305,000
Consol. S. F. of 1879	Oct. 1, 1879.	Oct. 1, 1929.	5%	Apr. 1 and Oct. 1.	7,478,000
S. F. debentures of 1923.	May 1, 1883.	May 1, 1923.	5%	May 1 and Nov. 1.	9,800,000
Total					\$130,810,500

Payable at New York.

UNFUNDED DEBT.

For current balances (will probably be paid in cash)	\$5,653,668 81
Total unfunded debt	\$5,653,668 81

RECAPITULATION.

Total funded debt	\$130,810,500 00
Total unfunded debt	5,653,668 81
Total debt liabilities	\$136,464,168 81

Amount of debt liabilities per mile of road:		
Funded, 4,970.76 miles	\$26,315 99 }	\$27,439 80
Unfunded, 5,080.78 miles	1,123 81 }	
Total amount of stock and debt		202,992,988 84
Stock and debt per mile of road:		
Stock and funded debt, 4,970.76 miles	\$39,700 02 }	40,823 88
Unfunded debt, 5,080.78 miles	1,123 81 }	

GENERAL BALANCE SHEET.—Dr.

Construction account		\$181,858,874 32
Equipment account		
Other investments (specifying same):		
Bonds of other companies owned	\$1,713,413 10	
Company's bonds on hand	8,587,494 18	
Land grant investments	420,000 00	
Securities and cash account Minn. Land Grant Fund reserved	35,307 09	
Common and preferred stock, C. & N. W. R'y Co., in hands treasurer	2,336,242 64	
Bonds of F. E. & M. V. R. R. Co., held as collateral for C. & N. W. R'y Co.,		
4 per cent Extension bonds of 1890	13,235,000 00	
Cost of stock of proprietary companies	237,500 00	
Cost of stock of M. V. & B. R'y & B. Co.	87,000 00	
Cost of stock of Sioux City Bridge Co.	2,400 00	
Cost of stock of Sioux City & Pacific R. R. Co.	23,854 50	
Cost of stock of Chicago Union Transfer R'y Co.	40,000 00	
Cost of stock of F. E. & M. V. R. R. Co.	1,961,500 00	
Cost of stock of C. St. P. M. & O. R'y Co.	10,000,000 00	
		83,652,711 49
Cash items:		
Cash	\$9,196,919 52	
Bills receivable	331,412 80	
Due from agents	1,221,407 81	
		4,751,740 13
Other assets:		
Materials and supplies	\$1,846,158 81	
Sinking funds, trustees of	6,778,473 70	
Debit balances from companies and individuals	637,940 52	
		9,262,573 06
Total		\$284,590,398 97

GENERAL BALANCE SHEET.—Cr.

Capital stock		\$68,528,830 53
Funded debt		130,810,500 00
Purchase account, bonds on hand from purchase of M. L. S. & W. R'y		8,550,000 00
Securities for capital stock issued		2,384,267 09
Sinking funds:		
Installments paid	\$5,878,046 20	
Accretions thereto	895,427 50	
		6,773,473 70
Unfunded debt:		
Interest unpaid, including accruing interest not yet due	\$2,002,292 86	
Dividends unpaid	64,592 00	
Vouchers and accounts	2,586,778 45	
		5,653,663 31
Other liabilities (list as follows):		
Land income account		3,600,637 30
Income account—Consolidation Coal Co.		165,484 96
Railroad income account—bonds redeemed and canceled		772,000 00
Profit and loss or income accounts		9,381,572 08
Total		\$234,520,898 97

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built and acquired by company including cost of proprietary lines embraced in this report.

Total expended for construction and equipment	\$181,858,874 32
Average cost per mile of road, not including sidings, 4,970.76 miles	36,585 68
Proportion of cost for Michigan	19,068,068 25

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Land, extensions and new sidings	\$13,865,965 40
Second track	528,580 42
New buildings and bridges	969,179 99
New fences and road crossings	98,344 95
Machinery and tools	5,060 14
New locomotives	85,162 53
New cars	961,062 52
Total charges	\$15,413,356 25

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Express.	Mails.	Total.	Actual for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....			\$3,913,643 07	\$335,769 61	\$651,703 38	\$9,266,181 06			
W. & St. P. R. R.....			333,000 07	14,136 28	49,573 04	421,759 39			
Dakota Central R'y	\$3,554,923 37	\$945,443 45	217,550 67	22,969 86	81,744 60	332,334 63	\$327,251 43	\$1 15.33	\$2,346 37
Princeton & Western R'y			1,140 42	-----	706 36	1,345 78			
St. Paul Eastern Grand Trunk R'y (4 months, Sept. to Dec. inclusive)			4,983 59	645 76	1,071 12	6,649 47			
Total passenger department earnings.....	\$3,554,923 37	\$945,443 45	\$9,500,366 32	\$433,591 01	\$684,363 50	\$10,618,320 39	\$327,251 43	\$1 15.33	\$4,316 87

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total.	Actual for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....			\$19,396,619 80			
W. & St. P. R. R.....			1,551,635 21			
Dakota Central R'y	\$20,205,240 71	\$1,366,337 44	603,532 74	\$1,323,304 47	\$1 80.72	\$4,766 64
Princeton & Western R'y			8,450 26			
St. Paul Eastern Grand Trunk R'y (4 months, Sept. to Dec. inclusive)			8,860 51			
Total freight department earnings.....	\$20,205,240 71	\$1,366,337 44	\$21,572,063 15	\$1,323,304 47	\$1 80.72	\$4,766 64

Total transportation earnings	\$32,190,918 48
Transportation earnings per mile of road	7,113 01
Transportation earnings per train mile	1 25.21

From rentals of tracks or terminals	\$29,065 87
From other sources	252,224 54

Total \$281,300 41

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

Company.	Total miscellaneous.	Actual for Michigan.
Chicago & Northwestern R'y Co.	\$261,150 92	\$5,747 90
W. & St. P. R. R. Co.	10,068 61	
Dakota Central R'y	9,815 74	
Princeton & Western R'y	132 07	
St. Paul East Grand Trunk R'y (4 months, Sept. to Dec. inclusive)	183 07	

Total miscellaneous earnings \$281,300 41 \$5,747 90

Total earnings from operation of road	\$32,472,218 89
Total earnings per mile of road, 4,525.64 average miles	7,175 16.6
Total earnings per train mile	1 26.30
Amount of taxable earnings for Michigan (being actual earnings in Michigan)	2,156,393 80
Total taxable earnings per mile of road in Michigan, 498.10 average miles	4,922 15

Receipts from investments included (as credits) in interest on funded and unfunded debt:

Total income from all sources	\$32,472,218 89
Actual income for Michigan	2,156,393 80

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$2,094,943 90
Renewals of rails	370,159 82
Renewals of ties	610,513 05
Repairs of bridges, including culverts and cattle guards	353,720 80
Repairs of fences, road crossings and signs	172,661 13
Repairs of buildings	466,025 05
Total	\$4,068,023 26

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$1,171,546 05
Repairs of passenger cars	343,235 79
Repairs of freight cars	1,455,872 68
Total	\$3,000,654 48

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$2,703,974 95
Water supply	144,845 82
Oil and waste	218,878 30
Locomotive service	2,876,672 47
Passenger train service	577,773 61
Passenger train supplies	109,189 63
Mileage of passenger cars	105,063 91
Freight train service	1,353,910 91
Freight train supplies	47,955 40
Mileage of freight cars	309,177 28
Telegraph expenses (maintenance and operating)	412,190 98
Damage and loss of freight and baggage	151,819 90
Damage to property and cattle	73,120 17
Personal injuries	855,839 98
Agents and station service	2,917,362 44
Station supplies	112,014 54
Total	\$11,969,324 79

GENERAL EXPENSES.

Salaries of the general officers of the company	\$169,425 67
Salaries of clerks in general offices	322,836 54
Law expenses	127,934 09
Insurance	1,167 94
Stationery and printing	179,476 29
Outside agencies and advertising	359,418 53
Contingencies	528,496 22
Taxes	1,081,171 49
Total	\$2,694,947 37

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	18.79	\$4,088,023 26
Maintenance of motive power and cars	13.80	3,000,062 48
Conducting transportation	55.02	11,969,324 79
General expenses, including taxes	12.39	2,694,947 87
Total operating expenses and taxes	100.00	\$21,752,347 90
Operating expenses and taxes per mile of road, 4,525.64 average miles		\$4,806 46.9
Operating expenses and taxes per train mile run for trains earning revenue, 25,709,721 miles		84.007
Proportion of operating expenses and taxes for Michigan	2,105,714 02	
Percentage of expenses and taxes to earnings	66.988	
Net earnings per mile of road, 4,525.64 average miles		2,368 69.7
Net earnings per train mile		41.695

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini in Michigan:

Termini.	When built.	Miles.
Escanaba to Negaunee	In 1864	62.00
Negaunee to Junction beyond Ishpeming	In 1864	4.58
Marquette to Escanaba	In 1872	64.65
Powers to Quinnesec	In 1877	24.71
Quinnesec to Menominee River	In 1880	8.13
2d crossing of Menominee River to Crystal Falls	In 1882	12.20
Iron River Junction to Stambaugh	In 1882	19.50
Narenta to Metropolitan	In 1882	34.86
Iron River to Watersmeet	In 1887	25.16
Junction near Ishpeming to Republic	In 1888	21.96
Clowry to Michigamme	In 1888	10.44
Wabic to Champion	In 1888	1.23
Branches to mines off main line	At various dates	43.27
Branches to mines off Menominee River R. R. line	At various dates	31.43
Branches to mines off Escanaba & Lake Superior line	At various dates	8.44
Branches to mines Crystal Fall to Hemlock mine	In 1891	15.00
Branches to mines off Ashland division	At various dates	29.33
Branches to industries off Ashland division	At various dates .....	.53
State Line to Gogebic	In 1883	26.10
Gogebic to Montreal River	In 1884	40.79
Watersmeet to Choate	In 1891	22.82
Interior Junction to Interior	In 1889	1.61
Craigsmere to Robbins	In 1892	3.47
Total		531.19

MAIN LINE OR CONSOLIDATED ROAD.

Road belonging to Chicago & Northwestern Railway Company.

Lines chartered as or consolidated with Chicago & Northwestern R'y Co.	Total.	Illinois.	Iowa.	Wiscon- sin.	Michi- gan.	Minne- sota.	South Dakota.	North Dakota.
Chicago to Council Bluffs.....	491.00	187.88	353.12					
Chicago to Freeport.....	121.00	121.00						
Geneva to Aurora.....	9.40	9.40						
Geneva to St. Charles.....	2.40	2.40						
Sycamore to Cortland.....	4.64	4.64						
Elgin to Williams Bay.....	51.04	35.83		15.22				
Belvidere to Spring Valley.....	75.78	75.78						
South Bra. Junct. to River (Chicago).....	4.50	4.50						
Clinton to Anamosa (quarry).....	73.57		73.57					
Stanwood to Tipton.....	8.50		8.50					
Cut off near Cedar Rapids.....	5.98		5.98					
Des Moines to Jewell Junction.....	59.09		59.09					
Tama to Elmore.....	164.56		164.23			.34		
Jewell Junction to Wall Lake Junction.....	73.68		73.68					
Eagle Grove to Hawarden.....	145.20		145.20					
Belle Plain to Muchakinock.....	64.00		64.00					
Boone to Coal Banks.....	3.25		3.25					
Maple River Junction to Onawa.....	80.85		80.85					
Wall Lake to Merville.....	79.87		79.87					
Carrol to Kirkman.....	34.81		34.81					
Manning to Audubon.....	17.00		17.00					
Chicago to Fort Howard.....	242.20	69.78		172.47				
Appleton Water Power Extension.....	3.63			3.63				
Kenosha to Rockford.....	72.10	44.08		28.07				
Chicago to Montrose.....	5.20	5.20						
Montrose to North Evanston.....	7.69	7.69						
Chicago to Milwaukee.....	85.00	44.60		40.40				
Milwaukee to Fond du Lac.....	62.63			62.63				
Sheboygan to Princeton.....	78.40			78.40				
Milwaukee to Montfort.....	140.88			140.88				
Montfort to Galena.....	46.24	10.30		36.04				
Montfort to Woodman.....	30.50			30.50				
Ipswich to Platteville.....	4.00			4.00				
Lancaster Junction to Lancaster.....	12.04			12.04				
Janesville to Afton.....	6.10			6.10				
Belvidere to Winona.....	227.00	21.00		205.87		.13		
Winona Junction to La Crosse.....	3.96			3.96				
Trempealeau to Galesville.....	6.71			6.71				
Evansville to Janesville.....	15.68			15.68				
Fort Howard to Republic.....	202.64			49.45	153.19			
Clowrie to Michigamme.....	10.44				10.44			
Wabec to Champion.....	1.23				1.23			
Powers to Watersmeet.....	104.83			13.78	90.60			
Stager to Crystal Falls.....	9.10				9.10			
Naranta to Metropolitan.....	34.86				34.86			
Branches to mines:								
Off Main line.....	42.27				42.27			
Off Escanaba & Lake Superior line.....	8.44				8.44			
Off Menominee River line.....	36.13			4.71	31.42			
Crystal Falls to Hemlock mine.....	15.00				15.00			
Off Ashland Division.....	34.22			4.69	29.33			
Branches to industries off Ashland Div.	21.44			20.92	.52			
Lake Shore Junction to Ashland, Wis.....	386.13			319.24	66.89			
Monico Junction to Hurley, Wis.....	88.11			88.11				
Two Rivers Junct. to Two Rivers, Wis.....	6.35			6.35				
Hortonville to Oshkosh, Wis.....	23.10			23.10				
Shed Junction to Marshfield, Wis.....	68.87			68.87				
North of Antigo to E. Bryant Switch.....	7.27			7.27				
Pratt Junction to Harrison.....	17.85			17.85				
Parish Junction to Parish.....	4.54			4.54				
Watersmeet to Choctaw.....	22.82				22.82			
Interior Junction to Interior.....	1.61				1.61			
Craigsmere to Robbins.....	3.47				3.47			
Hurley to End of track.....	12.97			12.97				
Potato River Junction to End of track.....	2.60			2.60				
Extension through section 84.....	1.34			1.34				
Total C. & N. W. R'y (chartered or consolidated).....	3,782.29	598.97	1,163.12	1,508.54	521.19	.47		

Total length of road belonging to this company.....	3,782.29
Total length of road belonging to this company in Michigan.....	521.19
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	168.24
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	687.43
Gauge of track in Michigan, 4 feet, 8½ inches.....	

Proprietary or leased roads operated by this company.

Name, description and length of each.

Proprietary Lines, viz.:	Total.	Illinois.	Iowa.	Wisconsin.	Michigan.	Minnesota.	South Dakota.	North Dakota.
Princeton & Western R'y.....	16.06							
Valley Junction to Necedah.....				16.06				
Winona & St. Peter R. R.	448.48							
Winona to Watertown.....						288.50	34.43	
Mankato Junction to Mankato.....						3.75		
Sleepy Eye to Redwood Falls.....						24.40		
Rochester to Zumbrota.....						24.48		
Eyota to Plainview.....						15.01		
Eyota to Chatfield.....						11.46		
Tracy to Dakota line.....						46.40		
Dakota Central R'y.....	723.93							
Minnesota state line to Pierre.....							209.11	
James Valley Junction to Oakes.....							117.67	14.28
Watertown to Gettysburg.....							146.25	
Watertown Junction to Watertown.....							43.83	
Iroquois to Hawarden (state line).....							125.49	
Centerville to Yankton.....							23.46	
Doland to Groton.....							23.84	
Total.....	1,183.47			16.06		414.00	744.13	14.28
<i>Leased Lines, viz.:</i>								
St. Paul Eastern Grand Trunk R'y.....	60.02							
Clintonville to Oconto.....				56.00				
Spurs.....				4.02				
Total.....	60.02			60.02				
<i>Recapitulation.</i>								
C. & N. W. R'y (chartered or consolidated).....	3,782.29	593.97	1,163.12	1,508.54	521.19	.47		
Proprietary Lines.....	1,183.47			16.06		414.00	744.13	14.28
Leased Lines.....	60.02			60.02				
Grand total.....	5,030.78	593.97	1,163.12	1,579.62	521.19	414.47	744.13	14.28

Total miles. In Michigan.

Total.....	1,248.49	
Total miles operated by the company.....	5,080.78	521.19

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	43	3,116
Stone bridges.....	2	60
Iron bridges.....	11	1,807
Combination bridge.....	2	353
Wooden trestles.....	305	27,815
Total.....	363	33,151

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Chicago, Milwaukee & St. Paul R'y, at Balsamo.
 Chicago, Milwaukee & St. Paul R'y, at Menominee (3 crossings).
 Chicago, Milwaukee & St. Paul R'y, at Antoine.
 Chicago, Milwaukee & St. Paul R'y, at Wabico.
 Minnesota, Sault Ste. Marie & Atlantic R. R., at Hermansville.
 Minnesota, Sault Ste. Marie & Atlantic R. R., near Narenta (3 crossings).
 Duluth, South Shore & Atlantic R. R., at Negaunee.
 Duluth, South Shore & Atlantic R. R., near Lake Angelina.
 Duluth, South Shore & Atlantic R. R., at Michigamme.
 Duluth, South Shore & Atlantic R. R., at Diorite.
 Duluth, South Shore & Atlantic R. R., at Diabno.
 Duluth, South Shore & Atlantic R. R., near Republic.
 Huron Bay & Iron Range R. R., at Diabno.

What railroads cross your road either over or under your grade in this State, and where?

Over:

Duluth, South Shore & Atlantic R. R., at Negaunee (3 crossings).
 Duluth, South Shore & Atlantic R. R., at 3 miles west of Bessemer.
 Chicago, Milwaukee & St. Paul R. R., at Antoine.
 Wisconsin Central R. R., at 3 miles east of Siemens.
 Wisconsin Central R. R., at Ironwood.

Under:

Duluth, South Shore & Atlantic R. R., near Wabico.
 Minnesota, Sault Ste. Marie & Atlantic R. R., at Flat Rock.

At what crossings are interlocking and derailing switches in operation?

Union switch and signal interlocking switches at Duluth, South Shore & Atlantic crossing 1 mile east of Michigamme.

At Milwaukee & Northern crossing at Wabico.
 At Milwaukee & Northern Republic Branch crossing 2 miles east of Republic.
 At Minneapolis, St. Paul and Sault Ste. Marie R'y, near Narenta.

What pattern or patterns have you adopted?

See answer to preceding question.

Number of crossings of highways at grade in this State: 193.

Number of crossings of highways at grade in this State at which there are gates or flagmen: 18.

Number of crossings at which there are electric or automatic signals: 6.

What pattern or patterns in use?

Mills' Improved Air Gate, with double deck lock posts.

Number of crossings of highways over or under railroad (over, 2; under, 7): 9.

Number of highway bridges, 18 feet above track: 2.

Have safety guards been erected at over-head obstructions: Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884: Yes.

How are they treated?

Wood or iron blocking.

Stations.

Number of stations on whole line, at which there are buildings and agents	788
Same in Michigan, at which there are buildings and agents	46

Employees.

Number of persons regularly employed on all roads operated by company, including officials	21,061
Same in Michigan	1,475

Classify your employee as per following list:

Number.

Baggagemen	381
Brakemen	1,548
Conductors	794
Engineers	1,212
Firemen	1,851
Laborers	5,748
Shopmen	4,274
Yardmen	790
Others	4,908

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you	727.97
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	

Iron	50.70
Menominee	34.48
Delta	16.90
Marquette	58.50
Groebic	104.51
Dickinson	34.06
Ontonagon	46.94

Total miles required	341.41
----------------------------	--------

Road bed and track.

Number of track sections in Michigan, about	81
Average lengths of sections (miles) about	6.7
Average number of men in each section gang, about	6
Number of new ties put in whole line during the year	1,578,386
Number of new ties put in track in Michigan	164,540
Average number of new ties per mile of road	314
New rails put in track:	
Steel (tons 20,173 $\frac{177}{224}$) miles 168.392.	
Total miles of track laid with new rails	168.392

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	284
Timber culverts replaced during the year:	
With iron pipe—number	1
With sewer pipe—number	None
With timber—number	12

New bridges built during the year—number, 5:

Location.	Kind.	Material.	Month built.	Feet in length.
Menominee	Lattice	Iron	Jan. & Feb.	232
Cheshire	Howe truss	Wood	July	80
Stager	File trestle	Wood	February	78
Menominee	File trestle	Wood	November	45
Spruce	File trestle	Wood	October	64

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	918	
Number of locomotives of 20 to 30 tons weight, exclusive of tender	90	
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2	
Total	1,010	\$1,646,000 00
Number of passenger cars—12-wheel, including parlor, buffet, official cars	245	689,200 00
Number of passenger cars—8-wheel, including chair and official cars	836	821,000 00
Number of express and baggage cars	149	149,000 00
Number of box freight cars	19,569	5,370,700 00
Number of stock cars	2,381	714,800 00
Number of platform and coal cars	6,895	1,792,700 00
Number of ore cars	5,153	772,950 00
Number of conductors' way cars	546	327,600 00
Other cars as follows:		
Dining	9	
Milk	39	
Mail	31	
Combination	76	
Boarding (for men)	26	
Dump	25	
Pile driving and wrecking	46	
Ditching	64	
Rotary steam snow plow	3	
	339	308,300 00
Total	35,613	\$11,396,750 00
Grand total		\$16,042,750 00

Number of locomotives equipped with power brakes	978
Number of passenger train cars equipped with power brakes	885
Number of freight cars equipped with power brakes	12,611
What patterns of power brakes have you in use, and number of locomotives and cars with each?	
Number of locomotives equipped with Westinghouse automatic air brakes	54
Number of locomotives equipped with Westinghouse automatic air and driver brakes	809
Number of locomotives equipped with American Steam brakes	87
Number of locomotives equipped with American steam driver and Westinghouse automatic air brakes on tenders	78
Number of passenger cars equipped with Westinghouse air brakes	835
Number of freight cars equipped with Westinghouse air brakes	12,611

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1893?

Yes.

What pattern or patterns have you adopted for use?

Janney coupler and Chicago automatic steel coupler.

How are your passenger cars heated?

Baker heaters, stoves and steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	9,024,041
Miles run by freight trains during the year	5,953,804
Miles run by mixed trains	731,876
Total mileage of trains earning revenue	25,709,721

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	163,143		
Number of local passengers carried	17,627,008		
Total number of passengers carried	17,790,156		
Total passenger mileage	453,443,508		
Average distance traveled by each passenger		27.17	
Average amount received from each passenger			\$0 53.40
Average rate of fare per mile for through passengers			01.61
Average rate of fare per mile for local passengers			02.01
Average rate of fare per mile for all passengers			01.97

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	412,833		
Number of tons of local freight carried	12,914,054		
Total tons of freight carried	13,326,987		
Total mileage of through freight	159,071,732		
Total mileage of local freight	1,892,599,617		
Total freight mileage, or tons carried one mile	2,051,671,349		
Average ton haul for through freight		285	
Average ton haul for local freight		147	
Average ton haul for all freight		154	
Average amount received for each ton haul			\$1 62
Average rate per ton per mile, received for through freight			00.86
Average rate per ton per mile, received for local freight			01.07
Average rate per ton per mile, received for all freight			01.06

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	635
Flour	449
Provisions (beef, pork, lard, etc.)	623
Animals	1,397
Other agricultural products	4,232
Lumber and forest products	429,312
Coal	68,026
Plaster, lime and cement	2,023
Salt	90
Petroleum	548
Railroad iron, iron and steel rails	10
Pig and bloom iron	493
Other iron and castings	488
Ores	2,304,810
Stone, brick and sand	1,305
Manufactures—articles shipped from point of production	1,539
Merchandise and other articles not enumerated above	21,900
Total forwarded	2,837,360

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	1,681,233	12.62
Flour.....	203,705	1.57
Provisions (beef, pork, lard, etc.).....	197,696	1.48
Animals.....	589,715	4.42
Other agricultural products.....	416,978	3.13
Lumber and forest products.....	1,782,942	18.22
Coal.....	1,982,024	14.87
Plaster, lime and cement.....	143,286	1.07
Salt.....	101,973	.77
Petroleum.....	7,838	.06
Railroad iron, iron and steel rails.....	159,823	1.20
Pig and bloom iron.....	220,818	1.66
Other iron and castings.....	171,683	1.29
Ores.....	2,451,056	18.39
Stone, brick and sand.....	593,961	4.46
Manufactures—articles shipped from point of production.....	491,588	3.24
Merchandise and other articles not enumerated above.....	2,207,019	16.56
Total tons carried.....	13,326,997	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co.:

Agreement of date Feb. 27, 1890, to be in force for five years from Feb. 1, 1890, covers all lines operated (except the Ashland Division, and to local points between Chicago and Milwaukee). The express company pays \$386,000.04 for an estimated limited tonnage and an agreed schedule of rates for any exceptional excess of tonnage.

Agreement of date July 2, 1892, to be in force for five years from Sept. 15, 1892, covers the Ashland Division of this company's road. The express company pays \$54,000.00 annually and a percentage of their earnings over a specified amount.

United States Express Company has the right to do express business between Chicago and Milwaukee paying therefor \$36.36 per diem on 17,000 pounds carried each day, whole route, and an agreed rate on any excess.

The express companies do a miscellaneous business properly belonging to express business.

They deliver their freight into this company's cars.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

The entire length of road is afforded telegraph facilities by the lines of the Western Union Telegraph Company, in which this company owns certain wires or rights to their use.

Transportation companies.

SLEEPING, DRAWING-ROOM AND PALACE CAR COMPANIES.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Sleeping cars owned by the Wagner Palace Car Company have been in use on portions of this company's road in Michigan. The car company maintains the cars and fixes and collects the charges from passengers for accommodations in same. For the use of the cars the C. & N. W. R'y Co. pays a mileage. This company has paid the Wagner Palace Car Company of New York for mileage of these cars in Michigan during the year \$2,461.94.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

This company has no cars of other companies or lines in use exclusively for traffic between local points in the State of Michigan. Cars of other companies coming into the State with interstate freight may do some business between local points, but the mileage applicable to such limited traffic cannot be separated.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

February 22, J. Celesnuck, Iron Mountain. Walking on track, struck; carelessness.
 March 20, Michael Woodlock, conductor, Clowry. Getting on moving train, fell; want of caution.
 June 20, Samuel Newlin, Vulcan. Walking on track, struck; carelessness.
 July 8, Scott Fox, brakeman, Bagley. Engine derailed; accidental.
 July 15, Martin Dunn, laborer, Escanaba. Jumping on train and fell; want of caution.
 November 16, Thomas Danby, Iron River. Walking on track, struck; carelessness.

INJURED.

January 4, Wm. Lee, fireman, Florence. Standing on front of engine and fell off; want of caution.
 February 18, Edw. Hannager, brakeman, Withrop. Fell from moving train; want of caution.
 March 6, George Hedigenthal, switchman, Escanaba. Uncoupling cars; want of caution.
 May 3, Anthony O'Donnell, laborer, Escanaba. Pushing cars and fell under; want of caution.
 May 9, Wm. Murphy, brakeman, Watersmeet. Coupling cars; want of caution.
 July 8, Patrick Tolan, fireman, Bagley. Engine derailed; accidental.
 July 8, T. Harrington, engineer, Bagley. Engine derailed; accidental.
 August 12, Patrick Ryan, brakeman, Oconto. Coupling cars; want of caution.
 August 22, W. Scanlon, Nagawnee. Coupling cars; carelessness.
 October 18, John Harry, Watersmeet. Crossing track, struck; want of caution.
 November 7, N. Mahel, Ballou. Coupling; carelessness.
 December 1, P. Laport. Coupling; carelessness.
 December 12, C. Fish, conductor, Cascade Junction. Coupling; want of caution.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					4	3
Derailements.....		1			2	
Falling from trains.....					2	
Getting on and off trains.....		2				
Highway crossings.....						1
Miscellaneous.....					1	
Trespassers on tracks.....			3			
Total.....		3	3		9	4

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	6
Number of persons injured during the year.....	13
Number of casualties purely accidental.....	3
Number resulting from lack of caution, carelessness or misconduct.....	16
Trespassers and tramps killed or injured.....	3

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

Employés.	Killed.	Injured.	Total.
Brakemen.....	1	3	4
Conductors.....	1	1	2
Engineers.....		1	1
Firemen.....		2	2
Laborers.....	1	1	2
Yardmen.....		1	1
Total.....	3	9	12

STATE OF ILLINOIS, } ss.
COUNTY OF COOK, }

Marvin Hughitt, president, and J. B. Redfield, auditor, of the Chicago & Northwestern Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

MARVIN HUGHITT,
J. B. REDFIELD.

Subscribed and sworn to before me this 14th day of March, A. D. 1894.

[L. S.]

J. F. CLEVELAND,
Notary Public.

ANNUAL REPORT
OF THE
CHICAGO & WEST MICHIGAN RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed May 10, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, NATHANIEL THAYER, Boston, Mass.
Vice President, EUGENE V. R. THAYER, Boston, Mass.
Secretary, CHARLES MERRIAM, Boston, Mass.
Auditor, U. B. ROGERS, Grand Rapids, Mich.
Treasurer, CHARLES MERRIAM, Boston, Mass.
General Manager, CHARLES M. HEALD, Grand Rapids, Mich.
General Superintendent, J. K. V. AGNEW, Grand Rapids.
Assistant Superintendent, F. M. DRAKE, Grand Rapids, Mich.
General Auditor, C. W. COURTRIGHT, Boston, Mass.
Chief Engineer, J. J. MOVEAN, Grand Rapids, Mich.
Superintendent of Telegraph, F. H. CARR, Grand Rapids, Mich.
Assistant Treasurer, JAMES E. HOWARD, Grand Rapids, Mich.
General Passenger Agent, GEO. DEHAVEN, Grand Rapids, Mich.
General Freight Agent, F. V. DAVIS, Grand Rapids, Mich.
Solicitor, F. A. NIMS, Muskegon, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.
CHARLES MERRIAM, Boston, Mass.
A. H. HARDY, Boston, Mass.
F. H. DAMON, Boston, Mass.
E. V. R. THAYER, Boston, Mass.
GEO. O. SHATTUCK, Boston, Mass.
C. F. ADAMS, Boston, Mass.
H. H. HUNNEWELL, Boston, Mass.
CHAS. M. HEALD, Grand Rapids, Mich.
Terms expire April 18, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: October 1, 1881.
Number of stockholders at date of last election: 641.
Number of stockholders in Michigan at same date: 5.
Amount of full paid stock held in Michigan at same date: 76 shares, \$7,800.00.
Date of annual meeting of stockholders: Third Wednesday in April.
Fiscal year of company ends: December 31.
General offices of the company are located at Boston, Mass., and Grand Rapids, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....	{ C. & W. M. R'y..... \$1,748,239 24 } C. & N. M. R. E. north of 44 of lat..... 144,470 82 }	\$1,892,710 06
Total expenses, including taxes.....	\$1,494,142 96	
Net income or deficit.....		\$398,567 08
Interest on funded debt.....	\$392,489 75	
Interest on unfunded debt.....	\$,908 04	
Balance applicable to dividends.....		\$2,174 29
Dividends declared (1½ per cent).....	\$111,728 00	
Balance for the year.....	\$109,548 71	
Balance (profit and loss) last year.....		\$350,205 20
Balance forward to next year.....		\$240,656 49

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....	{ C. & W. M. R'y..... \$7,525,000 00 } C. & N. M. R. E..... 1,500,000 00 }	\$9,025,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	74,482	
Amount paid in on common.....	7,448,200 00	
Amount paid in on shares not issued—number.....	636	68,600 00
Total amount paid in, as per books of the company.....		\$7,511,800 00
Paid in per mile of road owned by company, 574.62 miles.....		\$13,072 64

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Grand Rapids, Newaygo & Lake Shore R. R., 2d division, 1st mortgage bonds on 10 miles of road, Newaygo to White Cloud.....	7%	June 1, 1905.	Union Trust Co., New York, City.....	\$19,000 00
Chicago & West Michigan Railway Co., mortgage on 481.5 miles of consolidated line subject to above described mortgage.....	5%	Dec. 1, 1921.	Company's offices, Boston, Mass.....	5,758,000 00
Chicago, North Michigan Railroad, 1st mortgage on 92.614 miles of road, Traverse City to Elk Rapids & Petoskey, principal and interest guaranteed by the Chicago & West Michigan Railway Co.....	5%	May 1, 1931..	Boston, Mass.....	1,667,000 00
The Michigan Equipment Co., limited, 1st mortgage, on rolling stock purchased with proceeds of bonds, principal and interest guaranteed by the Chicago & West Michigan Railway Company.....	6%	June 1, 1902.	Boston, Mass.....	\$42,000 00
Total funded debt.....				\$7,786,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	To be paid from earnings.....	\$497,061 97
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		

RECAPITULATION.

Total funded debt	\$7,786,000 00
Total unfunded debt	497,061 97
Total debt liabilities	\$8,283,061 97
Amount of debt liabilities per mile of road, 574.62 miles	14,414 85
Total amount of stock and debt	\$15,794,861 97
Stock and debt per mile of road, 574.62 miles	27,487 49

GENERAL BALANCE SHEET.—Dr.

Construction account	\$10,985,909 08
Equipment account	1,498,016 85
Equipment account, Michigan Equipment Co., limited	342,000 00
Other investments:	
C. & W. M. E.'s stock scrip	\$21 80
Muskegon Lake R. E. stock	23,800 00
West Michigan Park Association bonds	8,000 00
Chicago & North Mich. R. E. capital stock	810,000 00
	849,821 80
Cash items:	
Cash	\$61,612 50
Bills receivable	19,117 98
Due from agents	25,506 78
	106,237 24
Other assets:	
Materials and supplies	\$194,308 24
Debit balances from companies and individuals	2,109,430 95
	2,303,739 19
Total	\$16,085,518 46

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$7,511,800 00
Funded debt	7,786,000 00
Unfunded debt:	
Interest unpaid	\$57,069 16
Dividends unpaid	15 00
Notes payable	198,000 00
Vouchers and accounts	198,871 00
Other liabilities:	
Net traffic balances due other companies	27,211 20
Miscellaneous	895 61
Sinking fund, Michigan Equipment Co., limited	16,000 00
	497,061 97
Profit and loss or income accounts	240,566 49
Total	\$16,085,518 46

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: October, 1881.	
Original cost to present company, of road and equipment	\$8,578,430 84
Amount expended since purchase, account of construction	2,896,466 00
Amount expended since purchase, account of equipment	952,028 89
Total cost to date of report	12,426,925 73
Average cost per mile of road, not including sidings, 482 miles	25,786 15
Proportion of cost for Michigan	11,540,834 90

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings	\$3,221 20
Total charges	\$3,221 20
Total charges to property account as above	\$3,221 20
Property sold and credited	11,225 00
Net credit to property account	\$8,008 80

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Express and baggage.	Mails.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....	\$867,786 46	\$13,113 96	\$700,850 42	\$25,734 83	\$51,208 19	\$777,788 43	\$722,181 40	\$0 88	\$1,613 87
<i>Leased or proprietary roads:</i> Chicago & North Mich. R. R., north of parallel 44 of latitude.....	63,487 94	-----	63,487 94	3,898 81	11,784 54	79,171 29	79,171 29	88	854 80
Total passenger department earnings.....	\$751,224 40	\$13,113 96	\$764,338 36	\$29,633 63	\$63,087 73	\$856,959 72	\$801,352 69	-----	-----

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total traffic.	Other sources, freight department.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....	\$937,551 60	\$23,148 87	\$960,700 47	\$2,419 50	\$963,149 97	\$899,861 78	\$1 32	\$2,010 68
<i>Leased or proprietary roads:</i> Chicago & North Mich. R. R., north of parallel 44 of latitude.....	65,299 53	-----	65,299 53	-----	65,299 53	65,299 53	1 32	705 08
Total freight department earnings.....	\$1,002,851 13	\$23,148 87	\$1,032,000 00	\$2,419 50	\$1,034,449 50	\$965,161 31	-----	-----

Total transportation earnings.....	{ C. & W. M. R'y	\$1,740,938 40	}	\$1,891,409 22
	{ C. & N. M. R. R.	144,470 82		
Transportation earnings per mile of road		3,291 58		
Transportation earnings per train mile		1 06		
From other sources				1,300 84
Total				<u>\$1,892,710 06</u>
Total earnings from operation of road	{ C. & W. M. R'y	\$1,748,289 24	}	\$1,892,710 06
	{ C. & N. M. R. R.	144,470 82		
Total earnings per mile of road		3,293 84		
Total earnings per train mile		1 06		
Proportion of taxable earnings for Michigan		1,628,251 01		
Total taxable earnings per mile of road in Michigan		3,367 74		
Total income from all sources				<u>\$1,892,710 06</u>
Proportion of income for Michigan	{ C. & W. M. R'y	\$1,628,251 01	}	1,767,721 83
	{ C. & N. M. R. R.	144,470 82		

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$232,022 01
Renewals of rails	24,951 58
Renewals of ties	35,234 73
Repairs of bridges, including culverts and cattle guards	33,963 59
Repairs of fences, road crossings and signs	21,456 37
Repairs of buildings	34,965 77
Total	<u>\$382,543 86</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$39,717 88
Repairs of passenger cars	49,794 37
Repairs of freight cars	58,706 88
Total	<u>\$198,218 13</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$199,546 72
Water supply	11,330 59
Oil and waste	16,221 37
Locomotive service	157,946 85
Passenger train service	51,209 06
Passenger train supplies	3,698 79
Mileage of passenger cars	11,613 16
Freight train service	66,358 22
Freight train supplies	1,477 44
Mileage of freight cars	Credit \$6,858 40
Telegraph expenses (maintenance and operating)	33,537 17
Damage and loss of freight and baggage	3,478 89
Damages to property and cattle	2,289 98
Personal injuries	16,952 62
Agents and station service	172,991 98
Station supplies	7,791 56
Total	<u>\$748,925 91</u>

GENERAL EXPENSES.

Salaries of the general officers of the company	\$28,809 77
Salaries of clerks in general offices	41,284 95
Law expenses	9,131 79
Insurance	6,263 07
Stationery and printing	13,501 96
Outside agencies and advertising	26,406 42
Contingencies	Credit \$2,829 30
Taxes	41,888 03
Total	<u>\$164,455 09</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	25.80	\$382,543 85
Maintenance of motive power and cars.....	13.27	198,218 13
Conducting transportation.....	50.12	748,925 91
General expenses, including taxes.....	11.01	164,455 09
Total operating expenses and taxes.....	100.00	\$1,494,142 98
Operating expenses and taxes per mile of road.....	\$2,600 22	
Operating expenses and taxes per train mile run for trains, earning revenue, 1,756,940 miles.....	85	
Proportion of operating expenses and taxes for Michigan, main line.....		1,404,589 12
Total proportion of expenses for Michigan.....		\$1,404,589 12
Percentage of expenses to earnings.....	78.94	
Net earnings per mile of road.....		693 62
Net earnings per train mile.....		23

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

December 3, 1883.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Indiana State line to Traveras City.....	286.14	
In Indiana, from Michigan State line to La Crosse.....	84.46	
Total length completed.....		300.60

BRANCHES.

Allegan to Pentwater.....	98.3	
Big Rapids Junction to Big Rapids.....	51.5	
Mears to Hart.....	3.8	
Brookings to West Troy.....	3.9	
Muskegon to Kirk's Junction.....	11.9	
Pickards to Fruitport.....	1.8	
Muskegon to Port Sherman.....	5.6	
Lilley Junction to Sissons.....	2.4	
Muskegon to North Horn Track.....	2.2	
Total length of branches owned by company.....		181.40
Total length of branches owned by company in Michigan.....	181.40	
Total length of road belonging to this company.....		482.00
Total length of road belonging to this company in Michigan.....	447.54	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	180.19	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		607.73

Gauge of track, 4 feet 8¼ inches.

Proprietary or leased roads operated by this company.

	Miles in Michigan.
Name, description and length of each:	
Chicago & North Michigan R. R., north of parallel 44 of latitude.....	92.62
Total.....	92.62
Total miles operated by the company.....	574.62

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	9	855
Stone bridges.....	1	20
Iron bridges.....	17	2,454
Combination.....	4	688
Wooden trestles.....	165	20,530
Total.....	196	24,547

Draw bridges in Michigan.

How many on your line	7
Where located, when built, and length of draw span:	
1. St. Joseph, built 1889	284
2. New Richmond, built 1882	60
3. Grand Rapids, built 1882	182
4. Muskegon, built 1891	46
5. Montague, built 1890	40
6. Elk Rapids, built 1892	100
7. Charlevoix, built 1892	213

Character of structure:

Nos. 1, 3 and 7, through trusses, two openings; No. 2, Howe truss, one opening; No. 4, deck girder, one opening; No. 5, trussed beam, one opening; No. 6, through girder, one opening.

Material of which constructed:

Nos. 1, 4, 6 and 7, iron; others wood and iron.

Height above water, and depth of water under bridge:

1, 15 ft.—15 ft.; 2, 20 ft.—9 ft.; 3, 15 ft.—8 ft.; 4, 7½ ft.—4 ft.; 5, 6½ ft.—6 ft.; 6, 4 ft.—10 ft.; 7, 13 ft.—15 ft.

How swung, by engine or hand power:

By hand power.

Approaches straight or curved:

Nos. 1, 2 and 3, curved; Nos. 4, 5, 6 and 7, straight.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes; flagged by watchmen.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Toledo & South Haven R. R. at Hartford.
Michigan Central R. R. at Grand Junction.
Lake Shore & Michigan Southern R. R. at Grandville.
Grand Rapids & Indiana R. R. at Fruitport Junction, Muskegon, Godfreys, Grand Rapids, Mill Creek, and Traverse City.
Frankfort & South Eastern R. R. at Thompsonville.
Manistee & North Eastern R. R. at Bear Creek, Manistee Crossing, Interlochen and Traverse City.
Peters Log Road at Peters.
Detroit, Grand Haven & Milwaukee R. R. at D., G. H. & M. Junction.
Toledo, Saginaw & Muskegon R. R. at Sparta and Muskegon.
Flint & Pere Marquette R. R. at Baldwin.

What railroads cross your road either over or under your grade in this State, and where?

Under—Michigan Central R. R. at ¼ miles south of New Buffalo.

At what crossings are interlocking and derailling switches in operation?

Toledo & South Haven R. R. at Hartford.
Grand Rapids & Indiana R. R. at Godfreys, Traverse City and Grand Rapids.
Toledo, Saginaw & Muskegon R. R. at Sparta and Muskegon.
Flint & Pere Marquette R. R. at Baldwin.
Peters Log Road at Peters.
Manistee & North Eastern at Manistee Crossing.

What pattern or patterns have you adopted?

Gravitt, Allentown, Johnson & Union Switch & Signal Co.

Number of crossings of highways at grade in this State	602
Number of crossings of highways at grade in this State at which there are gates or flagmen	20
Number of crossings at which there are electric or automatic signals	1
What pattern or patterns in use?	
O'Neill	
Number of crossings of highways over or under railroad (over 14, under 14)	28
Number of highway bridges, 18 feet above track	13
Number of highway bridges, less than 18 feet above track, over side track	1

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1894?

Yes.

How are they treated?

Hart guards and blocked with plank.

Stations.

Number of stations on whole line	108
Same in Michigan	101

Employés.

Number of persons regularly employed on all roads operated by company, including officials 1,921
 Same in Michigan..... 1,841

Classify your employés as per followig list:

	Number.
Baggagemen.....	18
Brakemen.....	109
Conductors.....	64
Engineers.....	94
Firemen.....	101
Laborers.....	761
Shopmen.....	114
Yardmen.....	131
Others.....	529

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you..... 814

Give the number of miles required to complete fence both sides of your track in Michigan,
 and the counties in which needed:

Oceana and Lake..... 9

Road bed and track.

Number of track sections in Michigan.....	108
Average lengths of sections, miles.....	5.2
Average number of men in each section gang.....	8
Number of new ties put in wholeline during the year.....	184,366
Number of new ties put in track in Michigan.....	178,215
Average number of new ties per mile of road.....	331
New rails put in track; Steel, tons 1,142.....	1928
	2240.

Bridges and culverts.

Amount of trestle work replaced with earth during the year, linear feet.....	2,158
Timber culverts replaced during the year.....	42
With iron pipe—number.....	6
With sewer pipe—number.....	86

New bridges built during the year—number, 5.

Location.	Kind.	Material.	Month built.	Feet in length.
199.3. White Cloud.....	Pile trestle.....	Wood.....	July.....	183
A 3.2. Mill Grove.....	Frame trestle.....	Wood.....	September.....	200
B 31.0. White Cloud.....	Pile trestle.....	Wood.....	October.....	70
B 33.9. White Cloud.....	Pile trestle.....	Wood.....	August.....	84
B 36.0. White Cloud.....	Pile trestle.....	Wood.....	November.....	84

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 80 tons weight, exclusive of tender.....	63	\$220,500 00
Number of locomotives of 20 to 80 tons weight, exclusive of tender.....	12	80,000 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender.....	1	1,000 00
Total.....	76	\$251,500 00
Number of passenger cars—8-wheel including official cars.....	47	\$117,500 00
Number of express and baggage cars.....	28	39,040 00
Number of box freight cars.....	1,728	431,500 00
Number of stock cars.....	25	6,250 00
Number of platform cars.....	1,072	187,800 00
Number of conductors' way cars.....	31	6,200 00
Other cars as follows:		
Tool cars, 5; pile driver, 1; excavators, 2; snow plows, 6; log cars, 24; painters' car, 1; carpenters' car, 1.....	40	7,400 00
Total.....	2,967	\$1,046,950 00

Number of locomotives equipped with power brakes	70
Number of passenger train cars equipped with power brakes	88
Number of freight cars equipped with power brakes	408

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 471 cars, Westinghouse; 51 locomotives, Westinghouse; 10 locomotives, American steam; 9 locomotives,
 New York Air.

How are your passenger cars heated?
 Steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	972,720
Miles run by freight trains during the year	784,220
Total mileage of trains earning revenue	1,756,940

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	4,879	79,5739	
Number of local passengers carried	947,700	3,259,5671	
Total number of passengers carried	952,579		
Total passenger mileage		3,339,1400	
Average distance traveled by each passenger		35.05	
Average amount received from each passenger			\$0 80.24
Average rate of fare per mile for through passengers			01.65
Average rate of fare per mile for local passengers			02.30
Average rate of fare per mile for all passengers			02.29

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	18,194		
Number of tons of local freight carried	1,206,588		
Total tons of freight carried	1,224,082		
Total mileage of through freight		272,5407	
Total mileage of local freight		8,006,0804	
Total freight mileage, or tons carried one mile		8,280,5711	
Average ton haul for through freight		149.91	
Average ton haul for local freight		66.41	
Average ton haul for all freight		67.65	
Average amount received for each ton haul			\$0 84.81
Average rate per ton per mile received for through freight			01.01
Average rate per ton per mile, received for local freight			01.25
Average rate per ton per mile received for all freight			01.25

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	23,519
Floor	16,626
Provisions (beef, pork, lard, etc.)	1,202
Animals	9,519
Other agricultural products	70,088
Lumber and forest products	633,136
Coal	71,277
Plaster, lime and cement	22,686
Salt	8,019
Petroleum	5,198
Railroad iron, iron and steel rails	1,412
Pig and bloom iron	24,370
Other iron and castings	7,164
Stone, brick and sand	40,174
Manufactures—articles shipped from point of production	28,811
Merchandise and other articles not enumerated above	127,067
Total forwarded	1,085,218

Tonnage of articles transported—entire road.

	Tons.	Per Cent.
Grain	87,588	8.07
Flour	17,451	1.42
Provisions (beef, pork, lard, etc.)	6,089	.50
Animals	13,223	1.08
Other agricultural products	74,086	6.05
Lumber and forest products	633,220	52.14
Coal	185,287	11.06
Plaster, lime and cement	28,252	1.90
Salt	8,207	.26
Petroleum	8,168	.67
Railroad iron, iron and steel rails	2,619	.22
Pig and bloom iron	25,351	2.07
Other iron and castings	9,200	.75
Stone, brick and sand	41,459	3.38
Manufactures—articles shipped from point of production	58,820	2.77
Merchandise and other articles not enumerated above	154,997	12.86
Total tons carried		100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Company at an agreed rate. They handle their own freight at railway company's depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
1,527.6 miles. To Western Union Telegraph Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

February 14, Michael M. Graw, sectionman, Williamsburg. Struck by train on station grounds, failure to observe train.
March 10, Charles B. Smith, brakeman, Trutle Lake. Fell from train.
March 18, Ed. Conley, switchman, Grand Rapids. Foot caught in track, run over by train.
June 14, unknown tramp, Traverse City. Fell from moving train while stealing ride.
June 19, Albert Fleese, sectionman, Wallin. Struck by train while intoxicated and riding hand car at night.
June 22, Harry Carpenter, citizen, Muskegon. Run over by train while playing on track.
June 20, Giles Kirk, citizen, Watervliet. Struck by train while walking on track.
July 2, unknown tramp, St. Joseph. Either died on track or killed by train while lying thereon.
August 29, Michael Golden, brakeman, Woodville. Jumped in front of moving train and caught by falling.
October 30, Jas. Crown, laborer, Mill Grove. Fell from bridge. Accidental.

INJURED.

February 13, J. Schnarsburg, citizen, Holton. Jumped from moving train.
March 23, H. C. Miner, citizen, Mill Creek. Collision in fog.
June 19, John Hughes, section hand, Wallin. Struck by train while riding on hand car at night.
August 22, Geseo Bootama, citizen, Grand Rapids. Struck by train at crossing.
September 12, Miss Bush, citizen, Waverly. Jumped from moving train.
November 22, Dr. W. H. Nelson, citizen, Hartford. Struck by train at crossing.
November 22, Mrs. W. H. Nelson, citizen, Hartford. Struck by train at crossing.
April 13, Gilbert Vanderveer, citizen, Benton Harbor. Trespasser, struck by cable.

November 28
 {
 M. Kirby, citizen, Zeeland
 J. C. Flynn, citizen, Zeeland
 F. H. Deffendorf, citizen, Zeeland
 A. H. Wilson, citizen, Zeeland
 Frank Worth, citizen, Zeeland
 S. E. Baits, citizen, Zeeland
 E. B. Myers, citizen, Zeeland
 W. B. Dado, citizen, Zeeland
 Joseph Naftel, citizen, Zeeland
 V. N. Vanatta, baggageman, Zeeland
 Chas. E. Riley, newsboy, Zeeland
 }

Bolt came out of switch rod and allowed part of train to open switch points, running baggage car up the siding, causing collision between cars.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Collisions.....				10	1	1
Coupling cars.....		1				
Falling from trains.....		1				
Getting on and off trains.....		1		2		
Highway crossings.....						8
Miscellaneous.....		3			1	
Trespassers on trains.....			1			1
Trespassers on tracks.....			8			
Total.....		6	4	12	2	5

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	10
Number of persons injured during the year.....	19
Number of casualties purely accidental.....	17
Number resulting from lack of caution, carelessness, or misconduct.....	12
Persons killed or injured while intoxicated.....	1
Trespassers and tramps killed or injured.....	5

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Baggage-man.....		1	1
Brakemen.....	2		2
Laborers.....	1		1
Yardmen.....	1		1
Not classified above.....	2	1	8
Total.....	6	2	8

STATE OF MICHIGAN, } ss.
COUNTY OF KENT, }

Charles M. Heald, general manager, and U. B. Rogers, auditor, of the Chicago & West Michigan Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

CHAS. M. HEALD.
U. B. ROGERS.

Subscribed and sworn to before me this 8th day of May, A. D. 1894.

ERNEST N. WELLER,
Notary Public, Kent Co.

ANNUAL REPORT
OF THE
CHICAGO & NORTH MICHIGAN RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed May 15, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, CHAS. M. HEALD, Grand Rapids, Mich.
Vice President, WM. ALDEN SMITH, Grand Rapids, Mich.
Secretary, GEO. F. WEIDMAN, Grand Rapids, Mich.
Auditor, U. B. ROGERS, Grand Rapids, Mich.
Treasurer and Transfer Agent, F. H. DAMON, Boston, Mass.
Assistant Treasurer, JAMES E. HOWARD, Grand Rapids, Mich.

DIRECTORS.

CHARLES M. HEALD, Grand Rapids, Mich.
U. B. ROGERS, Grand Rapids, Mich.
J. E. HOWARD, Grand Rapids, Mich.
WM. A. SMITH, Grand Rapids, Mich.
GEO. F. WEIDMAN, Grand Rapids, Mich.
F. A. NIMS, Muskegon, Mich.
F. H. DAMON, Boston, Mass.

Terms expire April 18, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 2, 1891.
Number of stockholders at date of last election: 8.
Number of stockholders in Michigan at same date: 6.
Amount of full paid stock held in Michigan at same date: \$69,000.00.
Date of annual meeting of stockholders: Third Wednesday in April.
Fiscal year of company ends: December 31.
General offices of the company are located at Grand Rapids, Mich.

GENERAL EXHIBIT.

Included in Chicago & West Michigan R'y report.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,500,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	8,335	
Amount paid in on common.....		\$833,500 00
Total amount paid in, as per books of the company		833,500 00
Paid in per mile of road owned by company, 92.62 miles.....		<u>8,999 18</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Chicago & North Michigan Railroad 1st mortgage on 92.614 miles of road, Traverse City to Elk Rapids and Petoskey. Principal and interest guaranteed by the Chicago & West Michigan R'y Co.	5%	May 1, 1931	Boston, Mass.	\$1,667,000 00
Total funded debt				\$1,667,000 00

UNFUNDED DEBT.

Included in C. & W. M. R'y report.

RECAPITULATION.

Total funded debt	\$1,667,000 00
Total debt liabilities	\$1,667,000 00
Amount of debt liabilities per mile of road, 92.62 miles	17.998 27

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$1,798,469 27
Average cost per mile of road, not including sidings, 92.62 miles	19,368 73
Proportion of cost for Michigan	1,798,469 27

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$63,437 94	
Total passenger fares	\$63,437 94	
Express and baggage	3,896 81	
Mails	11,784 54	
Total passenger department earnings		\$79,171 29
Proportion for Michigan	\$79,171 29	
Per train mile	88	
Per mile of road	854 80	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$65,299 53	
Total traffic	\$65,299 53	
Total freight department earnings		65,299 53
Proportion for Michigan	\$65,299 53	
Per train mile	1 52	
Per mile of road	705 08	
Total transportation earnings		\$144,470 82
Transportation earnings per mile of road	1,559 82	
Total earnings from operation of road	144,470 82	
Total earnings per mile of road	1,559 82	
Total income from all sources	144,470 82	
Proportion of income for Michigan	144,470 82	

ANALYSIS OF EXPENSES.

Included in C. & W. M. R'y report.

RECAPITULATION OF EXPENSES.

Included in C. & W. M. R'y report.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Traverse City to Elk Rapids, January 8, 1892.

From Williamsburg to Bay View, July 17, 1892.

From Cherrie to Ironton, September 26, 1892.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Traverse City to Bay View	79.04	
Total length completed		79.04

BRANCHES.

Elk Rapids, from Williamsburg to Elk Rapids	9.50	
Ironton, from Cherrie to Ironton	4.08	
Total length of branches owned by company		13.58
Total length of branches owned by company in Michigan	13.58	
Total length of road belonging to this company		92.62
Total length road belonging to this company in Michigan	92.62	
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated		15.61
Aggregate length of tracks in Michigan belonging to this company, computed as single track		108.23
Guage of track, 4 feet 8½ inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each:

North of parallel 44 of latitude.

Road commenced to be built May 15, 1891.

Road completed July 15, 1892.

Statistics regarding traffic, track, etc. included in C. & W. M. R'y report.

STATE OF MICHIGAN, } ss.
COUNTY OF KENT,

Charles M. Heald, president, and U. B. Rogers, auditor, of the Chicago & North Michigan Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

CHAS. M. HEALD.
U. B. ROGERS.

Subscribed and sworn to before me this 12th day of May, A. D. 1894.

HENRY C. BRODERICK,
Notary Public, Kent Co., Mich.

ANNUAL REPORT

OF THE

CINCINNATI, JACKSON & MACKINAW RAILWAY COMPANY,

For the year ending December 31, 1893.

[Filed March 7, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, WALSTON H. BROWN, New York.
Secretary, DENINSTOWN WOOD, New York.
Auditor, W. F. BOOTH, Toledo, O.
Treasurer, RICHARD OUTWATER, New York.
General Manager, F. B. DRAKE, Toledo, O.
Superintendent, J. B. FLANDERS, Toledo, O.
Division Superintendent, W. T. BACKUS, Van Wert, O.
Chief Engineer, W. D. Williams, Van Wert, O.
Superintendent of Telegraph, W. D. STEARNS, Toledo, O.
Cashier, O. A. WILSON, Toledo, O.
General Passenger and Freight Agent, T. C. M. SCHINDLER, Toledo, O.
General Counsel, SWAYNE, SWAYNE & HAYES, Toledo, O.

DIRECTORS.

WALSTON H. BROWN, New York.
 J. KENNEDY TOD, New York.
 R. T. WILSON, New York.
 GEN'L SAM'L THOMAS, New York.
 FREDERIC A. BROWN, New York.
 CHAS. M. MCGHEE, New York.
 F. B. DRAKE, Toledo, O.

Terms expire first Wednesday in February or when successors are elected.

STOCKHOLDERS. STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: April 1, 1892.
 Number of stockholders at date of last election: 7—directors.
 Number of stockholders in Michigan at same date: None.
 Amount of full paid stock held in Michigan at same date: None.
 Date of annual meeting of stockholders: First Wednesday in February.
 Fiscal year of company ends June 30.
 General offices of the company are located at Toledo, O.

GENERAL EXHIBIT,

	Debit.	Credit.
Total income		\$666,989 18
Total expenses, including taxes	\$598,082 73	
Net income		\$73,956 45
Rentals of buildings, tracks, etc.	\$18,517 16	
Balance applicable to dividends		\$55,439 29
Balance for the year		\$55,439 29
Balance (profit and loss) last year		116,684 30
Balance forward to next year		\$172,078 68

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$16,000,000 00
Par value of shares	100 00
Number of shares issued	None

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

No bonds yet issued.

UNFUNDED DEBT.

For miscellaneous	\$19,330 73
For current balances	148,698 82
Total unfunded debt	<u>\$168,029 55</u>

RECAPITULATION.

Total unfunded debt	\$168,029 55
Total debt liabilities	<u>\$168,029 55</u>
Amount of debt liabilities per mile of road, \$23.7 miles	519 09
Total amount of stock and debt	168,029 55
Stock and debt per mile of road	<u>519 09</u>

GENERAL BALANCE SHEET.—Dr.

Construction and equipment account	\$47,555 90
Other investments:	
Haskell & Barker Car Co. lease	\$87,001 70
Walston H. Brown, receiver	51,021 08
Paul Weidman, tramway	5,162 88
Cincinnati extension	173 25
Suspense accounts	<u>3,145 93</u>
	146,504 79
Cash items:	
Cash	\$16,790 71
Due from agents	<u>34,655 69</u>
	51,446 40
Other assets:	
Materials and supplies	\$52,769 80
Debit balances from companies and individuals	<u>41,526 34</u>
	94,596 14
Total	<u>\$340,103 23</u>

GENERAL BALANCE SHEET.—Cr.

Unfunded debt:	
Vouchers and accounts	\$148,698 82
Other liabilities:	
Reorganization committee	15,000 00
Destroyed car fund	<u>4,330 73</u>
	\$168,029 55
Profit and loss or income accounts	172,073 68
Total	<u>\$340,103 23</u>

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

Original cost to present company or road and equipment: Not ascertainable.
Amount expended since purchase account of construction: \$47,555.90.
Proportion of cost for Michigan: Not ascertainable.

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$32,358 17
New buildings	11,897 75
New fences.....	462 53
Machinery and tools.....	461 08
New locomotives.....	1,931 86
New cars.....	1,400 96
Total charges	<u>\$89,002 35</u>
Total charges to property account as above.....	\$89,002 35
Property sold and credited	8,553 55
Net addition to property account	<u>\$47,555 90</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$127,390 34	
Through fares.....	30,215 75	
Total passenger fares.....	<u>\$157,596 09</u>	
Express and baggage.....	34,599 96	
Mails.....	24,640 44	
Total passenger department earnings		\$216,836 49
Proportion for Michigan	\$107,686 42	
Per train mile.....	57	
Per mile of road	625 43	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$339,823 43	
Through traffic.....	102,591 37	
Total traffic.....	<u>\$442,414 80</u>	
Total freight department earnings.....		436,414 80
Proportion for Michigan.....	\$216,734 50	
Per train mile.....	1 04	
Per mile of road	1,258 77	
Total transportation earnings.....		<u>\$653,251 29</u>
Transportation earnings per mile of road, 346.7 miles.....	\$1,884 20	
Transportation earnings per train mile, 801,045.....	82	
Miscellaneous receipts from operating account, other than for transportation as follows:		
From other sources.....	<u>\$13,737 89</u>	
Total.....		13,737 89
Total earnings from operation of road.....		<u>\$666,989 18</u>
Total earnings per mile of road	\$1,923 82	
Total earnings per train mile.....	83	
Proportion of taxable earnings for Michigan.....	\$31,243 50	
Total taxable earnings per mile of road in Michigan	1,928 82	
Total income from all sources.....		<u>\$666,989 18</u>
Proportion of income for Michigan.....		<u>\$31,243 50</u>

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$39,908 85
Renewals of rails.....	316 39
Renewals of ties.....	83,348 45
Repairs of bridges, including culverts and cattle guards.....	18,302 84
Repairs of fences, road crossings and signs	5,200 82
Repairs of buildings.....	10,397 01
Total.....	<u>\$157,969 36</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$40,947 91
Repairs of passenger cars.....	17,008 77
Repairs of freight cars.....	\$9,712 11
Total.....	<u>\$67,668 79</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$66,700 58
Water supply.....	4,129 44
Oil and waste.....	4,428 44
Locomotive service.....	57,059 98
Passenger train service.....	11,223 30
Passenger train supplies.....	1,449 12
Mileage of passenger cars.....	" 00
Freight train service.....	31,278 20
Freight train supplies.....	247 38
Telegraph expenses (maintenance and operating).....	20,783 79
Damage and loss of freight and baggage.....	1,136 81
Damages to property and cattle.....	1,182 86
Personal injuries.....	4,065 92
Agents and station service.....	39,250 37
Station supplies.....	1,943 00
Clearing wrecks.....	882 41
Total.....	<u>\$245,799 05</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$16,857 45
Salaries of clerks in general offices.....	15,856 25
Law expenses.....	5,277 71
Insurance.....	5,000 04
Stationery and printing.....	6,874 79
Outside agencies and advertising.....	7,445 33
Contingencies.....	6,972 42
Taxes.....	27,811 54
Total.....	<u>\$91,593 53</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	26.64	\$157,969 36
Maintenance of motive power and cars.....	18.47	97,668 73
Conducting transportation.....	41.45	245,799 05
General expenses, including taxes.....	15.44	91,593 53
Total operating expenses and taxes.....	100.00	<u>\$593,032 73</u>
Operating expenses and taxes per mile of road.....		\$1,710 51
Operating expenses and taxes per train mile run for trains earning revenue.....		74
Proportion of operating expenses and taxes for Michigan, main line.....		294,514 88
Total proportion of expenses for Michigan.....		294,514 88
Percentage of expenses to earnings.....	88.91	
Net earnings per mile of road.....		218 32
Net earnings per train mile.....		09

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

MAIN LINE.

From Dundee, Mich., to Allegan, Mich., Nov. 29, 1883.
 From Addison Junction, Mich., to C. C. C. & St. Louis Junction, O., July 10, 1889.

BRANCHES.

From Lewisburg, O., to Quarries, 1887.
 From Germantown, O., to Rohrer, 1887.

1893.] CINCINNATI, JACKSON & MACKINAW RAILWAY COMPANY. 85

MAIN LINE.

	Miles.	Miles.
In Michigan from Dundee to Allegan.....	133.00	
In Michigan from Addison Junction to State Line.....	22.18	
In Ohio from State Line to C. C. C. & St. L. Junction.....	165.82	
Total length completed.....		320.52

BRANCHES.

Euphemia, from Lewisburg, O. to Quarries.....	1.4	
Mud Lick, from Germantown, O. to Rohrer's.....	1.8	
Total length of branches owned by company.....		3.2
Total length of road belonging to this company.....		323.70
Total length of road belonging to this company in Michigan.....	155.18	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	18.28	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		173.46
Gauge of track, 4 feet 8½ inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each.	Under trackage contracts:	Total miles.	In Michigan.
Wheeling & Lake Erie Ry.: Toledo, O. to Manhattan Junction, O.....		2.1	
Toledo, Ann Arbor & North Mich. Ry.: Manhattan Junct., O. to Dundee, Mich.		20.9	17.00
Total.....		23.00	17.00
Total miles operated by the company.....		346.7	172.18

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	1	144
Wooden trestles.....	86	19,128
Total.....	87	19,270

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Wabash, at Britton.
L. S. & M. S., at Tecumseh, Hanover, Homer and Allegan.
Michigan Central, at Homer and Battle Creek.
Chicago & Grand Trunk, at Battle Creek.
Chicago, Kalamazoo & Saginaw, at Kalamazoo Junction.
Grand Rapids & Indiana, at Monticeth.

What railroads cross your road either over or under your grade in this State, and where?

Over:
L. S. & M. S., at Jerome and Hudson.
Under:
Michigan Central, at Augusta.

At what crossings are interlocking and derailing switches in operation?

Chicago, Kalamazoo & Saginaw R'y, Kalamazoo Junction.
Michigan Central R'y, Battle Creek and Homer.
Lake Shore & Michigan Southern R'y, at Homer.

What pattern or patterns have you adopted?

None.

Number of crossings of highways at grade in this State.....	137
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	2

Number of crossings of highways over or under railroad:

Over.....	1
Under.....	5
Number of highway bridges 18 feet above track.....	1

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
Yes.

How are they treated?
Wooden blocks.

Stations.

Number of stations on whole line.....	82
Same in Michigan	36

Employees.

Number of persons regularly employed on all roads operated by company, including officials	664
Same in Michigan	311

Classify your employees as per following list:

	No.
Baggagemen	8
Brakemen	43
Conductors	19
Engineers	24
Firemen	24
Laborers	263
Shopmen	93
Yardmen	5
Others	186

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?.....	295.85
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
Lenawee county.....	1.11

Road bed and track.

Number of track sections in Michigan	28
Average lengths of sections (miles)	6.74
Average number of men in each section gang	3
Number of new ties put in whole line during year	98,502
Number of new ties put in track in Michigan	43,297
Average number of new ties per mile of road	304
New rails put in track:	
Steel (536.32 tons), miles.....	5.686

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	2,287
Timber culverts replaced during the year	None

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	28	\$84,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	1	2,000 00
Total	29	\$86,000 00
Number of passenger cars—8-wheel, including official cars	20	38,400 00
Number of express and baggage cars	3	8,600 00
Number of box freight cars	1,064	212,800 00
Number of stock cars	19	1,900 00
Number of platform cars	249	31,125 00
Number of coal cars	116	17,400 00
Number of conductors' way cars	18	5,200 00
Other cars as follows:		
Derrick	1	1,500 00
Steam shovel	2	4,000 00
Total	1,487	\$315,925 00
Number of locomotives equipped with power brakes		28
Number of passenger train cars equipped with power brakes		23
Number of freight cars equipped with power brakes		0

What patterns of power breaks have you in use, and number of locomotives and cars with each?

Westinghouse, 10 locomotives. 23 cars.

New York air brake, 5 locomotives.

American steam, 11 locomotives.

Eames vacuum, 2 locomotives.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1886?

Yes.

What pattern or patterns have you adopted for use?

Janney.

How are your passenger cars heated?

Steam	17
Baker heater	3
Spear heater	2
Consolidated heater	1
Total	23

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	849,475
Miles run by freight trains during the year	327,553
Miles run by mixed trains	124,020
Total mileage of trains earning revenue	801,048

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	80,843		
Number of local passengers carried	226,107		
Total number of passengers carried	325,950		
Total passenger mileage		6,771,686	
Average distance traveled by each passenger		20.8	
Average amount received from each passenger			\$0 48.3
Average rate of fare per mile for through passengers			01.85
Average rate of fare per mile for local passengers			02.48
Average rate of fare per mile for all passengers			02.38

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	177,474		
Number of tons of local freight carried	469,787		
Total tons of freight carried	647,261		
Total mileage of through freight		12,672,194	
Total mileage of local freight		43,070,843	
Total freight mileage, or tons carried one mile		55,743,042	
Average ton haul for through freight		71	
Average ton haul for local freight		92	
Average ton haul for all freight		86	
Average amount received for each ton haul			\$0 67
Average rate per ton per mile, received for through freight			00.809
Average rate per ton per mile, received for local freight			00.775
Average rate per ton per mile, received for all freight			00.788

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	19,316
Floor	3,786
Provisions (beef, pork, lard, etc.)	724
Animals	2,833
Other agricultural products	9,826
Lumber and forest products	44,297
Coal	630
Plaster, lime and cement	1,431
Salt	692
Petroleum	877
Railroad iron, iron and steel rails	137
Pig and bloom iron	129
Other iron and castings	1,748
Stone, brick and sand	1,526
Manufactures—articles shipped from point of production	6,730
Merchandise and other articles not enumerated above	6,112
Total forwarded	100,840

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	41,148	6.86
Flour	8,808	.87
Provisions (beef, pork, lard, etc.)	1,967	.30
Animals	8,540	1.32
Other agricultural products	25,433	3.93
Lumber and forest products	107,382	16.80
Coal	387,270	52.11
Plaster, lime and cement	7,525	1.16
Salt	2,209	.34
Petroleum	10,534	1.63
Railroad iron, iron and steel rails	614	.09
Pig and bloom iron	14,534	2.24
Other iron and castings	7,227	1.11
Ores	348	.05
Stone, brick and sand	25,161	3.99
Manufactures—articles shipped from point of production	24,184	3.73
Merchandise and other articles not enumerated above	27,601	4.27
Total tons carried	647,261	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company.
Fixed sum per month.
General express business.
Freight taken at depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
315¼ miles. Western Union Telegraph Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

February 17, J. H. Murry, brakeman, Britton. Coupling; carelessness.
March 2, Thos. Murphy, brakeman, Britton. Coupling; carelessness.
March 1, D. Heyser, brakeman, Onsted. Coupling; carelessness.
May 5, Wm. Noonan, brakeman, Addison. Coupling; carelessness.
June 24, Cass Powers, trespasser, Addison. Jumping from car.
July 31, M. Waltz, Jr., shopman, Marshall. Hand caught in lathe; accidental.
August 17, F. Tilton, brakeman, Yorkville. Fell from engine; carelessness.
August 22, M. L. Perry, coach cleaner, Marshall. Coupling; carelessness.
October 10, Geo. Belcher, brakeman, Marshall. Coupling; carelessness.
October 12, Chas. Thompson, brakeman, Battle Creek. Coupling; carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Injured.	
	Employés.	Others.
Coupling cars	7	.....
Falling from trains	1	.....
Miscellaneous	1	.....
Trespassers on trains .....	.....	1
Total	9	1

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons injured during the year	10
Number of casualties purely accidental	1
Number resulting from lack of caution, carelessness or misconduct	9
Trespassers and tramps killed or injured	1

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

Employees.	Killed.	Injured.	Total.
Brakemen		7	7
Shopmen		1	1
Not classified above		1	1
Total		9	9

STATE OF OHIO. }
COUNTY OF LUCAS, } ss.

F. B. Drake, general manager, and W. F. Booth, auditor, of the Cincinnati, Jackson & Mackinaw Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition of affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

[L. S. OF F. B.]

F. B. DRAKE, General Manager.
W. F. BOOTH, Auditor.

Subscribed and sworn to before me this 5th day of March, A. D. 1894.

[L. S.]

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B. A. HAYES,
Notary Public, Lucas county, Ohio.

ANNUAL REPORT

OF THE

CINCINNATI, SAGINAW & MACKINAW RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, A. W. WRIGHT, Alma, Michigan.
Vice President, L. J. SEARGEANT, Montreal, Province of Quebec.
Secretary and Treasurer, JAMES H. MUIR, Detroit, Michigan.
General Manager, W. J. SPICER, Detroit, Michigan.
Superintendent, A. B. ATWATER, Detroit, Michigan.
Mechanical Superintendent, HERBERT ROBERTS, Detroit, Michigan.
Chief Engineer, GEORGE MASSON, Detroit, Michigan.
Traffic Manager, GEORGE B. REEVE, Chicago, Illinois.
General Passenger and Ticket Agent, W. E. DAVIS, Chicago, Ill.
General Freight Agent, DAVID BROWN, Chicago, Ill.
Solicitor, E. W. MEDDAUGH, Detroit, Michigan.

DIRECTORS.

A. W. WRIGHT, Alma, Michigan.
 L. J. SEARGEANT, Montreal, Province of Quebec.
 W. R. BURT, Saginaw, Michigan.
 E. W. MEDDAUGH, Detroit, Michigan.
 W. J. SPICER, Detroit, Michigan.
 S. O. FISHER, West Bay City, Michigan.
 One vacancy by death.
 Terms expire April 17, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Articles of association dated December 26, 1889, and filed December 30, 1889.
 Number of stockholders at date of last election: 8.
 Number of stockholders in Michigan at same date: 7.
 Amount of full paid stock held in Michigan at same date: \$676,500.00.
 Date of annual meeting of stockholders: Third Tuesday in April.
 Fiscal year of company ends December 31.
 General offices of the company are located at Detroit, and Saginaw, E. S., Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$165,741 90
Total expenses, including taxes.....	\$147,607 14	
Net income		\$18,134 76
Interest on funded debt	\$84,000 00	
Balance for the year	\$65,565 24	
Balance (loss) brought from last year.....	6,383 85	
Advanced by the Chicago & Grand Trunk R'y Co. and the Grand Trunk R'y Co. of Canada, under traffic agreements dated October 2, 1890.....		\$65,565 24 6,383 85
Balance forwarded to next year	\$72,249 09	\$72,249 09

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$5,000,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	15,000	
Amount paid in on common.....	\$1,500,000 00	
Total amount paid in, as per books of the company.....		1,500,000 00
Paid in per mile of road owned by company, 53 miles.....		28,301 88

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue of bonds.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, issued January 1, 1890.	5% per annum.	January 1, 1920.	New York, N. Y.	\$1,680,000 00
Total funded debt.....				\$1,680,000 00

UNFUNDED DEBT.

Total unfunded debt.....	\$101,318 75
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RECAPITULATION.

Total funded debt.....	\$1,680,000 00
Total unfunded debt.....	101,318 75
Total debt liabilities.....	\$1,781,318 75
Amount of debt liabilities per mile of road, 53 miles.....	33,609 69
Total amount of stock and debt.....	\$2,281,318 75
Stock and debt per mile of road, 53 miles.....	61,911 58

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$3,209,351 15
Cash items:	
Cash.....	\$45,204 11
Due from agents.....	8,463 41
	48,667 52
Other assets:	
Materials and supplies.....	\$9,337 96
Debit balances from companies and individuals.....	6,978 27
	16,911 23
Loss or income amount.....	6,383 85
Total.....	\$3,281,318 75

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$1,500,000 00
Funded debt.....	1,680,000 00
	\$3,180,000 00
Unfunded debt:	
Interest unpaid.....	\$48,383 85
Vouchers and accounts.....	41,178 94
Other liabilities (list as follows):	
Salaries and wages (paid January, 1894).....	6,380 79
Engine and car renewal funds.....	5,375 17
	101,318 75
Total.....	\$3,281,318 75

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: November 1, 1890.	
Original cost to present company of road and equipment.....	\$3,180,000 00
Amount expended since purchase, account of construction.....	28,591 15
Amount expended since purchase, account of equipment.....	2,760 00
Total cost to date of report.....	\$3,209,351 15
Average cost per mile of road, not including sidings, 53 miles.....	60,553 79
Proportion of cost for Michigan.....	2,209,351 15

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions, new sidings, grading, etc.....	\$6,389 56
Improvement of cars	2,760 00
Total	\$9,099 56
Net addition to property account	9,099 56

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$45,388 04	
Through fares	12,967 24	
Total passenger fares	\$58,205 28	
Express and baggage	1,546 83	
Mails	3,614 73	
Total passenger department earnings		\$63,366 84
Proportion for Michigan	\$63,366 84	
Per train mile	60	
Per mile of road	1,195 60	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$38,979 85	
Through traffic	18,104 35	
Total traffic	\$102,084 20	
Total freight department earnings		102,084 20
Proportion for Michigan	\$102,084 20	
Per train mile	1 80	
Per mile of road	1,926 12	
Total transportation earnings		\$165,451 04
Transportation earnings per mile of road	\$3,121 72	
Transportation earnings per train mile	1 02	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From telegraph, etc.		290 86
Total		\$165,741 90
Total earnings from operation of road	\$165,741 90	
Total earnings per mile of road	3,127 21	
Total earnings per train mile	1 03	
Proportion of taxable earnings for Michigan		\$165,741 90
Total taxable earnings per mile of road in Michigan		3,127 21
Total income from all sources		165,741 90
Proportion of income for Michigan		165,741 90

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$14,081 89
Renewals of rails	2,556 95
Renewals of ties	
Repairs of bridges, including culverts and cattle guards	2,745 51
Repairs of fences, road crossings and signs	800 98
Repairs of buildings	2,604 63
Total	\$22,299 96

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$11,234 92
Repairs of passenger cars	6,989 59
Repairs of freight cars	5,782 96
Total	\$23,957 47

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$16,454 74
Water supply	880 77
Oil and waste	1,882 31
Locomotive service	20,444 14
Passenger train service	5,984 50
Passenger train supplies	532 84
Mileage of passenger cars	257 66
Freight train service	26,020 50
Freight train supplies	1,380 88
Mileage of freight cars	2,492 88
Telegraph expenses (maintenance and operating)	4,564 98
Damage and loss of freight and baggage	588 21
Damages to property and cattle	15 00
Personal injuries	160 50
Agents and station service	9,129 82
Station supplies	798 52
Total	\$90,554 73

GENERAL EXPENSES.

Salaries of the general officers of the company. } Paid by the Chicago & Grand Trunk Railway Company.	
Salaries of clerks in general offices	
Law expenses	\$81 92
Insurance	1,010 89
Stationery and printing	2,436 62
Outside agencies and advertising	1,096 74
Contingencies	1,170 83
Taxes	4,658 48
Total	\$10,504 98

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	15.10	\$22,239 96
Maintenance of motive power and cars	16.28	28,967 47
Conducting transportation	61.55	90,854 78
General expenses, including taxes	7.12	10,504 98
Total operating expenses and taxes	100.00	\$147,607 14
Operating expenses and taxes per mile of road		\$2,785 04
Operating expenses and taxes per train mile run for trains, earning revenue, 161,465 miles		91
Total proportion of expenses for Michigan		147,607 14
Percentage of expenses to earnings	89.06	
Net earnings per mile of road		342 16
Net earnings per train mile		11

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Durand, Michigan, to West Bay City, Michigan, January 11, 1890.

MAIN LINE.

	Miles.
In Michigan, from Durand to West Bay City	58
Total length completed	58
Total length of road belonging to this company	53
Total length of road belonging to this company in Michigan	53
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	29.92
Aggregate length of tracks in Michigan belonging to this company, computed as single track	82.92

Gauge of track, 4 feet 8½ inches.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	1	290
Iron bridges	2	64
Combination bridges	2	281
Wooden trestles	31	8,796
Total	36	9,440

Draw bridges in Michigan.

Where located, when built, and length of draw span:

- One at Saginaw river, built in 1889, length of draw span 194 feet.
- One two miles north of Batchelders, built in 1889, 88 feet long.
- One three miles south of West Bay City, built in 1889, 83 feet long.

Character of structure:

Truss.

Material of which constructed:

One of stone and iron and two of wood.

Height above water, and depth of water under bridge:

Above water, 20 feet; depth of water, 12 feet.

How swung, by engine or hand power:

Hand power.

Approaches straight or curved:

Curved.

Do you require all trains to come to a full stop before crossing a draw, and how are they signaled?

Yes, signaled with semaphore.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

- Flint & Pere Marquette R. R. at Maple street, Saginaw, E. S.
- Flint & Pere Marquette R. R. at South Saginaw (Belt Line).
- Flint & Pere Marquette R. R. at Saginaw, E. S. (dead line).
- Michigan Central R. R. at Emerson street, Saginaw, E. S.
- Michigan Central R. R. north of river bridge, Saginaw, E. S.
- Flint & Pere Marquette R. R. north of river bridge, Saginaw, E. S.
- Michigan Central R. R. at Saginaw, E. S., Wright's spur.
- Flint & Pere Marquette R. R. at Mershons.
- Michigan Central R. R. at Lafayette street, West Bay City.

At what crossings are interlocking and derailing switches in operation?

Three at Saginaw, E. S. Three at Saginaw, W. S. One at Saginaw, S. S. One at Mershons. Two at West Bay City.

What pattern or patterns have you adopted?

Union Switch & Signal Company's.

Number of crossings of highways at grade in this State 96

Number of crossings of highways at grade in this State at which there are gates or flagmen.. 10

Have safety guards been erected at over-head obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Plank blocking.

Stations.

Number of stations on whole line 21

Same in Michigan 21

Employees.

Number of persons regularly employed on all roads operated by company, including officials 144

Same in Michigan..... 144

Classify your employees as per following list:

Number.

Baggagemen	3
Brakemen	6
Conductors	4
Engineers	9
Firemen	13
Laborers	42
Shopmen	7
Yardmen	9
Others	51

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you 116

Road bed and track.

Number of track sections in Michigan..... 8

Average lengths of sections, miles 6½

Average number of men in each section gang 4

Number of new ties put in whole line during the year..... 13,018

Number of new ties put in track in Michigan..... 13,018

Average number of new ties per mile of road 245

ROLLING STOCK.

	Number.	Present, estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	6	\$80,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	2	5,000 00
Total.....	8	\$85,000 00
Number of passenger cars—12-wheel, including official cars.....	1	\$8,000 00
Number of passenger cars— 8-wheel, including official cars.....	11	33,000 00
Number of combination cars.....	2	8,000 00
Number of box freight cars.....	30	12,000 00
Number of platform cars.....	65	16,250 00
Number of conductors' way cars.....	2	600 00
Other cars.....	1	500 00
Total.....	112	\$68,350 00
Number of locomotives equipped with power brakes.....		8
Number of passenger train cars equipped with power brakes.....		14

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse air "Eames Vacuum," and "American Steam brake."

Six locomotives with Westinghouse Air and Eames Vacuum brakes.

Two locomotives with American Steam brakes.

Fourteen passenger cars with Westinghouse air brakes.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1887?

Yes, as they come to the shop to be repaired.

What pattern or patterns have you adopted for use?

Gould (Master Car Builder's type).

How are your passenger cars heated?

Baker heater (hot water).

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	108,641
Miles run by freight trains during the year.....	53,094
Miles run by mixed trains.....	4,780
Total mileage of trains earning revenue.....	161,465

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	9,676		
Number of local passengers carried.....	99,878		
Total number of passengers carried.....	109,554		
Total passenger mileage.....	2,412,533		
Average distance traveled by each passenger.....		22	
Average amount received from each passenger.....			\$0 53.13
Average rate of fare per mile for through passengers.....			02.51
Average rate of fare per mile for local passengers.....			02.89
Average rate of fare per mile for all passengers.....			02.41

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	28,887		
Number of tons of local freight carried.....	128,178		
Total tons of freight carried.....	157,065		
Total mileage of through freight.....		1,529,204	
Total mileage of local freight.....		4,239,611	
Total freight mileage, or tons carried one mile.....		5,768,815	
Average ton haul for through freight.....		53.00	
Average ton haul for local freight.....		33.08	
Average ton haul for all freight.....		36.74	
Average amount received for each ton haul.....			\$0 65.01
Average rate per ton per mile, received for through freight.....			01.18
Average rate per ton per mile, received for local freight.....			01.98
Average rate per ton per mile, received for all freight.....			01.77

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	5,346
Flour	1,467
Provisions (beef, pork, lard, etc.)	1,536
Animals	1,692
Other agricultural products	8,695
Lumber and forest products	88,634
Coal	4,623
Plaster, lime and cement	739
Salt	25,792
Petroleum	187
Railroad iron, iron and steel rails	443
Pig and bloom iron	1,079
Other iron and castings	255
Stone, brick and sand	222
Manufactures—articles shipped from point of production	4,229
Merchandise and other articles not enumerated above	12,096
Total forwarded	157,035

Tonnage of articles transported.—Entire road.

	Tons.	Per cent
Grain	5,346	3.41
Flour	1,467	.91
Provisions (beef, pork, lard, etc.)	1,536	.98
Animals	1,692	1.08
Other agricultural products	8,695	5.54
Lumber and forest products	88,634	56.44
Coal	4,623	2.94
Plaster, lime and cement	739	.47
Salt	25,792	16.42
Petroleum	187	.12
Railroad iron, iron and steel rails	443	.28
Pig and bloom iron	1,079	.69
Other iron and castings	255	.16
Stone, brick and sand	222	.14
Manufacturers—articles shipped from point of production	4,229	2.69
Merchandise and other articles not enumerated above	12,096	7.70
Total tons carried	157,035	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The National Express Company pay one and a half times the company's local first class freight rates for 100 lbs. on all local merchandise. For all produce one and a fourth times the company's local first class freight rates per 100 lbs. For all through business the same rate as produce. Railway company takes freight at depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
Cannot state. Postal Telegraph Cable Company.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

	Amount paid.
Pullman Palace Car Co., Chicago, Ill.	\$1,165 38

Three cents per car mile for some cars, and the exteriors of other are kept in repair in lieu of mileage. The Pullman Company gets fares for berths and seats.

1893.] CINCINNATI, SAGINAW & MACKINAW RAILROAD COMPANY. 97

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Armour & Company.....	Chicago, Ill.	\$8 17
Arms Palace Horse Car Company.....	Chicago, Ill.	1 77
American Refrigerator Transportation Company.....	St. Louis, Mo.	48
Chicago Refrigerator Car Co.	Chicago, Ill.	1 28
Cutler & Savage Lumber Co.	Spring Lake, Mich.	1 17
California Fruit Transportation Company.....	Chicago, Ill.	39
Central Equipment Company.....	Terre Haute, Ind.	58
Eureka Transportation Co.	Detroit, Mich.	3 70
Hicks Stock Car Company.....	Chicago, Ill.	10 51
J. E. Butler Furniture Line.....	Atlanta, Ga.	58
Merchants' Despatch Transportation Co.....	New York, N. Y.	19 72
Morris & Company.....	Chicago, Ill.	22
New England Car Company.....	Chicago, Ill.	2 43
National Despatch Line.....	St. Albans, Vt.	243 39
C. B. & L. (New York Desp.).....	Chicago, Ill.	111 23
National Refrigerator Transportation Co.....	Chicago, Ill.	78
Provision Dealers' Despatch.....	Chicago, Ill.	2 78
Streets Western Stable Car Line.....	Chicago, Ill.	5 87
Union Refrigerator Transportation Co.....	St. Louis, Mo.	8 09
Union Tank Line Company.....	New York, N. Y.	2 15
Total.....		\$419 73

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

April 8, E. Vreland, citizen, West Bay City. Street car struck by engine at highway crossing, negligence of motorman.
 April 13, G. Beaumont, brakeman Lennon. Coupling; his carelessness.
 September 8, F. Green, yardman, Saginaw. Coupling; his carelessness.
 December 7, Mrs. J. Crawford, citizen, West Bay City. Struck on street crossing; her carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Collisions.....						1
Coupling cars.....					2	
Highway crossings.....						1
Total.....					2	2

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number resulting from lack of caution, carelessness, or misconduct.....

4

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakeman.....		1	
Yardman.....		1	
Total.....		2	

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE,

William J. Spicer, general manager, and James H. Muir, secretary and treasurer, of the Cincinnati, Saginaw & Mackinaw Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. J. SPICER, General manager.

JAS. H. MUIR, Secretary and Treasurer.

Subscribed and sworn to before me this 31st day of March, A. D. 1894.

[L. S.]

L. F. LANG,

Notary Public in and for Wayne county, Michigan.

ANNUAL REPORT.

OF THE

CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RAILWAY
COMPANY.*For the year ending December 31, 1893.*

[Filed March 31, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

*President, M. E. INGALLS, Cincinnati, Ohio.**Vice President, J. D. LAYNG, New York.**Second Vice President, O. G. MURRAY, Cincinnati, Ohio.**Secretary, E. F. OSBORN, Cincinnati, Ohio.**Auditor, P. A. HEWITT, Cincinnati, Ohio.**Treasurer, F. D. COMSTOCK, Cincinnati, Ohio.**Passenger Traffic Manager, E. O. McCORMICK, Cincinnati, Ohio.**General Superintendent, J. Q. VAN WINKLE, Indianapolis, Ind.**Division Superintendents:**G. W. BENDER, Chicago Div., Indianapolis, Ind.**T. J. HIGGINS, Cleveland Div., Cleveland, Ohio.**WM. GIBSON, Cincinnati Div., Springfield, Ohio.**S. T. BLIZARD, Michigan Div., Wabash, Ind.**E. M. NEEL, St. Louis Div., Mattoon, Ill.**W. G. BAYLEY, Cairo Div., Mt. Carmel, Ill.**B. F. SIPP, White Water Div., Connersville, Ind.**Chief Engineer, G. W. KITTREDGE, Cincinnati, Ohio.**Superintendent of Telegraph, C. S. RHOADS, Indianapolis, Ind.**General Passenger and Ticket Agent, D. B. MARTIN, Cincinnati, Ohio.**General Freight Agent, A. S. WHITE, Cincinnati, Ohio.**General Counsel, J. T. DYE, Cincinnati, Ohio.*

DIRECTORS.

*CORNELIUS VANDERBILT, New York, N. Y.**W. K. VANDERBILT, New York, N. Y.**C. M. DEPEW, New York, N. Y.**J. P. MORGAN, New York, N. Y.**M. E. INGALLS, Cincinnati, Ohio.**Terms expire October, 1894.**AMOS TOWNSEND, Cleveland, Ohio.**JAS. BARNETT, Cleveland, Ohio.***B. S. BROWN, Columbus, Ohio.**ALEX. McDONALD, Cincinnati, Ohio.**GEO. A. FARLOW, Boston, Mass.**Terms expire October, 1895.**H. MCK. TWOMBLEY, New York, N. Y.**GEORGE BLISS, New York, N. Y.**J. D. LAYNG, New York, N. Y.**J. T. DYE, Cincinnati, Ohio.**W. P. ANDERSON, Cincinnati, Ohio.**Terms expire October, 1896.*

*Now deceased; no successor elected at date of this report.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Consolidated as C. C. C. & St. L. June 27, 1889.
 Number of stockholders at date of last election: 2,400.
 Number of stockholders in Michigan at same date: None.
 Amount of full paid stock held in Michigan at same date: None.
 Date of annual meeting of stockholders: Last Wednesday in October.
 Fiscal year of company ends: June 30.
 General offices of the company are located at Cincinnati, Ohio.

REMARKS.

C. C. C. & St. L. is consolidation of C. I. St. L. & C., C. C. C. & I. and I. & St. L.—June 27, 1889.
 Later acquisitions: C. V. & C., accounts consolidated January 1, 1890; C. & S., accounts consolidated July 1, 1890; C. S. & C., accounts consolidated November 1, 1890; White Water, accounts consolidated November 1, 1890; C. W. & M., accounts consolidated July 1, 1892.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$12,789,865 58
Total expenses, including taxes	\$10,428,685 26	
Net income		\$2,361,180 32
Interest on funded debt	\$2,480,999 93	
Rentals of buildings, tracks, etc.	207,166 26	
		2,688,166 19
Balance applicable to dividends		\$672,314 12
Dividends declared (5%), preferred 1½% common		920,000 00
Balance for the year	\$247,185 87	
Balance (profit and loss) last year		\$634,864 17
Items not included in above	73,310 12	
		320,495 99
Balance forward to next year		\$613,868 18

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	{ Common..... \$28,700,000 00 Preferred..... 10,000,000 00 }	\$38,700,000 00
Par value of shares	\$100 00	
Number of shares issued	379,767 25	
Amount paid in on common	\$27,978,725 00	
Amount paid in on preferred	10,000,000 00	
C. S. & C. preferred stock and scrip assumed in consolidation	428,997 45	
Total amount paid in, as per books of the company		38,407,722 45
Paid in per mile of road owned by company, 1,807.21 miles		\$21,262 50

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
I. C. & L. R. R., mtge. bonds of 1867	7½	February 1, 1897	New York	\$379,000 00
C. I. St. L. & C. R'y, 1st mtge. bonds	6½	May 1, 1920	"	738,000 00
C. I. St. L. & C. R'y, general consol. mtge. bonds	4½	August 1, 1896	"	7,755,000 00
B. & I. R. R., 1st mtge. bonds	7½	January 1, 1899	"	127,000 00
C. C. C. & I. R'y, 1st mtge. S. F. bonds	7½	May 1, 1899	"	3,000,000 00
C. C. C. & I. R'y, 1st consol. mtge. bonds	7½	June 1, 1914	"	4,150,000 00
C. C. C. & I. R'y, gen'l consol. mtge. bonds	6½	January 1, 1934	"	3,205,000 00
I. & St. L. R. R., 1st mtge. bonds	7½	July 1, 1919	"	2,000,000 00
I. & St. L. R'y, 1st mtge. bonds	6½	November 1, 1912	"	500,000 00
C. C. C. & St. L. R'y, (C. V. & C.) 1st mtge. bonds	4½	January 1, 1939	"	5,000,000 00
C. L. & C., 1st mtge. bonds	7½	September 1, 1901	"	792,000 00
C. S. R'y, 1st mtge. bonds	7½	April 1, 1901	"	2,000,000 00
C. & S. R'y, 2d mtge. bonds	7½	January 1, 1902	"	125,000 00
C. C. C. & St. L. (St. L. Div.) 1st coll. trust mtge. bonds	4½	November 1, 1930	"	10,000,000 00
C. C. C. & St. L. (W. W. V. Div.) mtge. bonds	4½	July 1, 1940	"	650,000 00
C. C. C. & St. L. (C. W. & M. Div.) mtge. bonds	4½	July 1, 1991	"	4,000,000 00
C. S. & C. R. R., 1st consol. mtge. bonds	5½	January 1, 1928	"	2,571,000 00
C. C. C. & St. L. (S. & C. Div.) mtge. bonds	4½	September 1, 1940	"	1,103,730 00
C. C. C. & St. L. R'y, general mtge. bonds	4½	June 1, 1993	"	3,000,000 00
Total funded debt				\$51,095,730 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For equipment.....	\$2,151,647 62
For miscellaneous.....	1,976,011 32
For current balances.....	2,330,108 94
Total unfunded debt.....	\$6,457,762 88

RECAPITULATION.

Total funded debt.....	\$51,095,730 00
Total unfunded debt.....	6,457,762 88
Total debt liabilities.....	\$57,553,492 88
Amount of debt liabilities per mile of road, 1,807.21 miles.....	\$31,846 59
Total amount of stock and debt.....	\$6,961,215 83
Stock and debt per mile of road, 1,807.21 miles.....	53,069 09

GENERAL BALANCE SHEET.—Dr.

Construction account }.....	\$84,381,522 24
Equipment account }.....	
Other investments:	
Stocks owned.....	\$2,825,280 00
Bonds owned.....	973,228 17
Investments in and advances to branch lines.....	4,418,678 88
Real estate, etc.....	34,550 52
	8,261,687 57
Cash items:	
Cash.....	\$894,731 81
Bills receivable.....	46,837 77
Due from agents.....	269,366 80
	1,210,935 88
Other assets:	
Materials and supplies.....	647,329 49
Sinking funds.....	284,771 00
Debit balances from companies and individuals.....	1,785,837 83
Total.....	\$96,575,083 51

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$53,407,722 45
Funded debt.....	51,095,730 00
Unfunded debt:	
Interest unpaid.....	\$945,260 91
Dividends unpaid.....	130,655 39
Notes payable.....	1,000,065 02
Vouchers and accounts.....	2,330,108 94
	4,306,115 26
Other liabilities (list as follows):	
Equipment notes.....	2,151,647 62
Profit and loss or income accounts.....	618,868 18
Total.....	\$96,575,083 51

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

See statement No. 2, C. C. C. & St. L., being consolidation of various roads, none of which are built by present company.

Purchased by present company.

When purchased: Consolidated June 27, 1889.....	\$15,808,500 39
Original cost to present company, of road and equipment.....	
Amount expended since purchase, account of construction.....	39,078,021 85
Amount expended since consolidation, account of equipment and additional roads acquired by purchase and consolidation since June 27, 1889.....	
Total cost to date of report.....	\$94,381,522 24
Average cost per mile of road (not including sidings) 1,807.21 miles.....	46,691 59
Proportion of cost for Michigan.....	1,559,499 86

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$734,124 86
Second track.....	121,032 36
New buildings.....	302,330 39
Machinery and tools.....	121,220 65
New locomotives.....	1,035,425 76
New cars.....	1,451,890 00
Total.....	\$3,766,024 12
Total charges to property account as above.....	\$3,766,024 12
Property sold and credited.....	32,733 26
Net addition to property account.....	\$3,733,290 86

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares.....	\$2,650,522 76
Through fares.....	1,589,519 51
Total passenger fares.....	\$4,438,042 27
Express and baggage.....	319,834 70
Mails.....	450,408 71
Total passenger department earnings.....	\$5,207,785 68
*Proportion for Michigan.....	\$46,071 15
Per train mile.....	\$0 01.017
Per mile of road.....	1,397 37

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$3,796,744 70
Through traffic.....	4,525,908 70
Total freight department earnings.....	8,322,653 40
†Proportion for Michigan.....	\$59,138 82
Per train mile.....	\$0 00.975
Per mile of road.....	1,770 62
Total transportation earnings.....	\$13,530,439 68
Transportation earnings per mile of road.....	\$7,367 15
Transportation earnings per train mile.....	1 24
Miscellaneous receipts from operating account, other than for transportation, as follows:	
From rentals of tracks or terminals.....	\$170,956 84
From other sources.....	88,269 66
Total.....	\$13,789,665 58

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

Company.	Total miscellaneous.	Proportion for Michigan.
All main line.....	\$259,226 50	* 131 82
Total earnings from operation of road.....	\$13,789,665 58	
Total earnings per mile of road.....	7,508 29	
Total earnings per train mile.....	1 26	
Proportion of taxable earnings for Michigan:		
Freight.....	\$59,138 82	
Passenger.....	46,071 15	
Miscellaneous.....	131 82	
Total taxable earnings per mile of road in Michigan.....	105,341 79	
Total income from all sources.....	8,154 51	
Total income from all sources.....	13,789,665 58	
Proportion of income for Michigan.....	105,341 79	

* Proportion for Michigan based on mileage per cent of Michigan Division, actual earnings.

† Actual miscellaneous earnings in Michigan.

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$949,369 20
Renewals of rails.....	63,798 81
Renewals of ties.....	259,691 72
Repairs of bridges, including culverts and cattle guards.....	\$93,661 24
Repairs of fences, road crossings and signs.....	52,377 09
Repairs of buildings.....	161,355 28
Total.....	<u>\$1,880,142 84</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$602,844 98
Repairs of passenger cars.....	255,580 91
Repairs of freight cars.....	548,675 25
Total.....	<u>\$1,402,101 14</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$913,705 58
Water supply.....	76,883 15
Oil and waste.....	56,201 40
Locomotive service.....	1,128,104 82
Passenger train service.....	266,089 58
Passenger train supplies.....	181,678 85
Mileage of passenger cars.....	58,705 82
Freight train service.....	519,382 17
Freight train supplies.....	96,084 62
Mileage of freight cars.....	118,250 49
Telegraph expenses (maintenance and operating).....	177,701 45
Damage and loss of freight and baggage.....	68,892 40
Damage to property and cattle.....	117,065 75
Personal injuries.....	167,288 59
Agents and station service.....	1,633,827 14
Station supplies.....	52,701 55
Total.....	<u>\$6,622,085 84</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$117,080 84
Salaries of clerks in general offices.....	490,948 72
Law expenses.....	64,984 48
Insurance.....	33,805 58
Stationery and printing.....	74,238 67
Outside agencies and advertising.....	255,876 89
Contingencies.....	60,897 06
Taxes.....	427,025 15
Total.....	<u>\$1,524,402 44</u>

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$1,880,142 84
Maintenance of motive power and cars.....	1,402,101 14
Conducting transportation.....	5,622,038 84
General expenses, including taxes.....	1,524,402 44

Total operating expenses and taxes..... \$10,428,685 26

Operating expenses and taxes per miles of road..... \$5,678 29

Operating expenses and taxes per train mile run for trains earning revenue, 10,887,855 miles.. 95 78

Proportion of operating expenses and taxes for Michigan, main line..... 99,579 94

Total proportion of expenses for Michigan..... \$99,579 94

Percentage of expenses to earnings (\$13,789,665.58)..... 75.62

Net earnings per mile of road..... \$366 34

Net earnings per train mile..... 06 18

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Goshen, Ind., to Benton Harbor, Mich., November 13, 1892.

Above applies to part of road (formerly C. & W. M.) which enters the State of Michigan.

MAIN LINE.		Miles.	Miles.
In Michigan, from Benton Harbor to state line.....		23.49	
In Ohio, from various to various.....		574.70	
In Indiana, from various to various.....		556.75	
In Illinois, from various to various.....		474.25	
Total length completed.....			1,829.10
Length of double track on main line.....		40.73	

BRANCHES.			
From Lawrenceburg, Ind. to Aurora, Ind.	6.30		
From St. Francesville, Ind. to Vincennes, Ind.	7.90		
From Wann, Ill. to Alton, Ill.	4.90		
From Harrison, O. to Hagerstown, Ind.	62.40		
From Carey, O. to Findlay, O.	15.51		
From Valley Junction, O. to Harrison, O.	7.70		
From Columbus, Ind. to Greensburg, Ind.	26.50		
From Martinsville, Ind. to Fairland, Ind.	37.50		
Total length of branches owned by company			168.11
Total length of branches owned by company in Michigan.....	None.		
Total length of road belonging to this company.....			1,507.21
Trackage.....	29.33		
Total length of road belonging to this company in Michigan.....			38.40
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....			6.93
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....			40.35
Gauge of track, 4 feet 8½ inches.			

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden trestles.....	31	1,373

Crossings—railroad and highway.

What railroads cross your road either over or under your grade in this State, and where?

Over:

Michigan Central R. R. at Niles, main line.

Michigan Central R. R. at Niles, South Bend Div.

Number of crossings of highways at grade in this State.....	57
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	3
Number of crossings at which there are electric or automatic signals.....	1

What pattern or patterns in use?

Pneumatic.

Number of crossings of highways over or under railroad, over	2
Number of highway bridges, 18 feet above track.....	2
Number of highway bridges less than 18 feet above track.....	2

Have safety guards been erected at overhead obstructions?

None.

Are your frogs and guard rails blocked as required by act 174, session laws 1894?

Yes.

How are they treated?

Blocked with wooden blocks.

Stations.

Number of stations on whole line.....	518
Same in Michigan.....	8

Employees.

Number of persons regularly employed on all roads operated by the company, including officials, average.....

9,774
75

Same in Michigan.....

Classify your employees as per following list:

Number.

Baggageman	88
Brakemen	587
Conductors	288
Engineers	413
Firemen	413
Laborers	2,689
Shopmen	1,887
Yardmen	749
Others	2,915

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you

6,619

Road bed and track.

Number of track sections in Michigan	5
Average lengths of sections, miles	6
Average number of men in each section gang	4
Number of new ties put in whole line during the year	875,000
Number of new ties put in track in Michigan	18,710
Average number of new ties per mile of road	485
New rails put in track:	
Steel, tons, 141.71; miles, 114.44.	
Total miles of track laid with new rails	114.44

Bridges and culverts.

Timber culverts replaced during the year:

With iron pipe, number	101
With sewer pipe, number	19
With timber, number	54

New bridges built during the year, number

38

Location.	Kind.	Material.	Month built.	Feet in length.
Between Niles and Fairland	Overhead.....	Wood.....	July, 1893.....	75

Above is the only bridge in Michigan. Remaining 37 at various localities and in other states.

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	525	\$2,100,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	39	97,500 00
Total	564	\$2,197,500 00
Number of passenger cars—12-wheel, including official cars	18	\$72,000 00
Number of passenger cars—8-wheel, including official cars	323	656,000 00
Number of express and baggage cars	110	165,000 00
Number of box freight cars	13,082	5,232,800 00
Number of stock cars	571	171,900 00
Number of platform cars	2,452	490,400 00
Number of coal cars	2,051	312,750 00
Number of conductors' way cars	233	98,200 00
Other cars	178	26,400 00
Total	19,021	\$9,417,350 00
Number of locomotives equipped with power brakes	472	
Number of passenger train cars equipped with power brakes	451	
Number of freight cars equipped with power brakes	3,191	

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Locomotives:	
Air	440
Steam	23
Vacuum	9
Cars:	
Air	446
Hand	5

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Yes. All new cars are built with automatic couplers and all above 40,000 cap. not equipped are being so as fast as possible.

What pattern or patterns have you adopted for use?

Janney; but large proportions of cars already equipped have Gould and Hinson couplers.

How are your passenger cars heated?

Steam and Baker heaters; in many cases, both.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	4,737,307
Miles run by freight trains during the year	6,007,689
Miles run by mixed trains	52,859
Total mileage of trains earning revenue	10,887,855

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	616,187		
Number of local passengers carried	5,085,270		
Total number of passengers carried	5,701,407		
Total passenger mileage	228,345,088		
Average distance traveled by each passenger		40.2	
Average amount received from each passenger			\$0 77.84
Average rate of fare per mile for through passengers			01.56
Average rate of fare per mile for local passengers			02.24
Average rate of fare per mile for all passengers			01.94

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	4,183,642		
Number of tons of local freight carried	4,051,847		
Total tons of freight carried	8,235,489		
Total mileage of through freight	826,721,642		
Total mileage of local freight	402,814,659		
Total freight mileage, or tons carried one mile	1,229,536,301		
Average ton haul for through freight		197.6	
Average ton haul for local freight		99.4	
Average ton haul for all freight		149.3	
Average amount received for each ton haul			\$0 01.011
Average rate per ton per mile received for through freight			.547
Average rate per ton per mile received for local freight			.943
Average rate per ton per mile received for all freight			.677

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	3,173
Flour	4,265
Provisions (beef, pork, lard, etc.)	3,412
Animals	94
Other agricultural products	153
Lumber and forest products	25,783
Coal	193
Plaster, lime and cement	38
Salt	30,682
Petroleum	12
Pig and bloom iron	349
Other iron and castings	622
Stone, brick and sand	3,829
Manufactures—articles shipped from point of production	651
Merchandise and other articles not enumerated above	4,311
Total forwarded	77,522

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	1,021,121	12.40
Flour	285,511	3.22
Provisions (beef, pork, lard, etc.)	409,788	4.98
Animals	278,084	3.39
Other agricultural products	221,763	2.70
Lumber and forest products	965,578	25.93
Coal	2,185,152	25.93
Plaster, lime and cement	174,530	2.13
Salt	78,861	.96
Petroleum	149,114	1.81
Railroad iron, iron and steel rails	18,014	.22
Pig and bloom iron	147,759	1.79
Other iron and castings	392,778	4.77
Ores	55,801	.68
Stone, brick and sand	673,546	6.96
Manufactures—articles shipped from point of production	97,986	1.19
Merchandise and other articles not enumerated above	1,219,273	14.90
Total tons carried	8,235,489	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co., minimum \$317,372.00 per annum, founded on 40 per cent of gross earnings over our lines.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

All lines owned by Western Union Telegraph Company. Number of miles unknown. Railroad company has free use of one wire for railroad business.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

February 22, Ed. Taylor, not employé, Sodus. Intoxicated; struck by train.

INJURED.

February 5, W. Palmer, brakeman, Niles. Caboose derailed; contusion hip and thigh.
 February 21, J. W. Cobbart, brakeman, Niles. Coupling cars; right hip bruised.
 February 5, J. S. Scott, conductor, Niles. Caboose derailed; leg bruised.
 February 5, T. D. Scoot, brakeman, Niles. Caboose derailed; hand bruised.
 March 23, N. M. Hughes, brakeman, Niles. Coupling cars; fingers smashed.
 February 5, N. W. Rice, not employé, Niles. Caboose derailed; back sprained.
 August 1, Chas. Bowers, not employé, Niles. Asleep on track, struck by train; two ribs fractured.
 December 5, Thos. Douglass, not employé, Niles. Intoxicated, struck by train; badly injured.
 December 8, H. Taylor, Fireman, Sodus. Train struck sled; arm and leg injured.
 December 10, T. Glavin, brakeman, Niles. Coupling cars; fingers smashed.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars					3	
Derailements				1	3	
Miscellaneous					1	
Trespassers on tracks			1			2
Total			1	1	7	2

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year	1
Number of persons injured during the year	10
Number of casualties purely accidental	8
Number resulting from lack of caution, carelessness, or misconduct	3
Persons killed or injured while intoxicated	2
Trespassers and tramps killed or injured	3

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen		5	5
Conductors		1	1
Firemen		1	1
Total		7	7

STATE OF OHIO, }
COUNTY OF HAMILTON, } ss.

P. A. Hewitt, auditor, and E. F. Osborn, secretary, of the Cleveland, Cincinnati, Chicago & St. Louis Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

P. A. HEWITT, Auditor.
E. F. OSBORN, Secretary.

Subscribed and sworn to before me this 27th day of March, A. D. 1894.

[L. S.]

JOSEPH MOSES, Notary Public.

ANNUAL REPORT

OF THE

DETROIT BAY CITY AND ALPENA RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 17, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, *R. A. ALGER, Detroit, Mich.
Vice President, *M. S. SMITH, Detroit, Mich.
Secretary, *T. H. NEWBERRY, Detroit, Mich.
Auditors, { *J. C. McCAUL, Detroit, Mich.
 { GEORGE M. CROCKER, Detroit, Mich.
Treasurer, *M. S. SMITH, Detroit, Mich.
Managers, { *R. A. ALGER, Detroit, Mich.
 { JAMES D. HAWKS, Detroit, Mich.
General Superintendent, *C. W. LUCE, East Tawas, Mich.
Chief Engineer, JAMES D. HAWKS, Detroit, Mich.
General Passenger Agent, T. G. WINNETT, East Tawas, Mich.
General Freight Agents, { T. G. WINNETT, East Tawas, Mich.
 { *J. C. McCAUL, Detroit, Mich.
Attorneys, { RUSSEL & CAMPBELL, Detroit, Mich.
 { *A. M. HENRY, Detroit, Mich.
Receiver, DON M. DICKINSON, Detroit, Mich.
 Receiver assumed control October 1.

DIRECTORS.

R. A. ALGER, Detroit, Mich.
 M. S. SMITH, Detroit, Mich.
 JAMES McMILLAN, Detroit, Mich.
 HUGH McMILLAN, Detroit, Mich.
 T. H. NEWBERRY, Detroit, Mich.
 J. C. McCAUL, Detroit, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: February 13, 1880; amended articles April 2, 1883.
 Number of stockholders at date of last election: Eleven.
 Number of stockholders in Michigan at same date: Nine.
 Amount of full paid stock held in Michigan at same date: \$1,542,400.00.
 Date of annual meeting of stockholders: Third Tuesday in May.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Detroit, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$380,478 18
Total expenses, including taxes.....	\$222,240 61	
Net income		\$158,235 57
Interest on funded debt	\$150,000 00	
Balance applicable to dividends.....		\$8,235 57
Balance for the year		\$8,235 57
Balance (profit and loss) last year.....		29,656 21
Balance forward to next year.....		\$37,891 78

* Officers of old organization.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$2,000,000 00
Par value of shares.....		\$100 00
Number of shares issued.....	16,709	
Amount paid in on common.....		\$1,670,000 00
Total amount paid in, as per books of the company.....		1,670,000 00
Paid in per mile of road owned by company, miles, 209.30.....		7,978 98

ANALYSIS OF DEBT ACCOUNT.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, January 1, 1883.....	6%	Jan. 1, 1913...	New York.....	\$2,500,000 00
Total funded debt.....				\$2,500,000 00

UNFUNDED DEBT.

For current balances.....	\$18,997 06
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RECAPITULATION.

Total funded debt.....	\$2,500,000 00
Total unfunded debt.....	18,997 06
Total debt liabilities.....	\$2,518,997 06
Amount of debt liabilities per mile of road, 209.30 miles.....	12,035 04
Total amount of stock and debt.....	\$4,188,997 06
Stock and debt per mile of road, 209.30 miles.....	20,014 32

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$3,882,073 45
Equipment account.....	426,285 44
	\$4,308,358 89
Cash items:	
Cash.....	\$18,741 96
Bills receivable.....	2,411 91
Due from agents.....	4,317 40
	25,471 27
Other assets:	
Materials and supplies.....	\$17,172 56
Debit balances from companies and individuals.....	25,836 12
	43,008 68
Total.....	\$4,376,835 84

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$1,670,000 00
Funded debt.....	2,500,000 00
Unfunded debt:	
Coupon interest unpaid.....	150,000 00
Vouchers and accounts.....	18,997 06
Profit and loss or income accounts.....	37,891 78
Total.....	\$4,376,888 84

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$4,308,358 89
Average cost per mile of road, not including sidings, 209.30 miles.....	20,584 61
Proportion of cost for Michigan.....	4,303,355 89

Purchased by present company.

When purchased?	
July 11, 1882	
Original cost to present company, of road and equipment	\$107,664 42
Amount expended since purchase, account of construction	3,774,409 08
Amount expended since purchase, account of equipment	426,285 44
Total cost to date of report	\$4,308,358 89
Average cost per mile of road, not including sidings, 209.80 miles	20,584 61

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Lands, extensions and new sidings	\$636 89
New buildings	315 95
Machinery and tools	100 79
Total	\$1,053 63
Total charges to property account as above	\$1,053 63
Property sold and credited	1,220 10
Net credit to property account	166 47

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares	\$75,895 00
Express and baggage	2,063 19
Mails	11,411 87
Other sources	14,048 87
Total passenger department earnings	\$102,918 98
Per train mile	\$1 56
Per mile of road	491 73

FREIGHT EARNINGS.

Main line and branches:	
Total traffic	\$277,557 25
Total freight department earnings	277,557 25
Per train mile	\$0 58
Per mile of road	1,326 12
Total transportation earnings	\$380,476 18
Transportation earnings per mile of road	\$1,817 85
Transportation earnings per train mile	65
Total earnings from operation of road	390,476 18
Total earnings per mile of road	\$1,817 85
Total earnings per train mile	65
Total income from all sources	390,476 18
Proportion of income for Michigan	880,476 18

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$31,841 99
Renewals of rails	3,980 85
Renewals of ties	
Repairs of bridges, including culverts and cattle guards	1,352 35
Repairs of buildings	1,449 08
Total	\$38,573 77

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$2,583 18
Repairs of passenger cars	3,107 42
Repairs of freight cars	5,452 81
Total	\$11,092 91

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$41,490 50
Water supply	2,298 20
Oil and waste	2,313 93
Locomotive service	49,602 06
Train service	27,855 49
Train supplies	974 18
Mileage of passenger cars	1,950 90
Mileage of freight cars	4,336 90
Telegraph expenses (maintenance and operating)	1,505 22
Damage and loss of freight and baggage	2,140 29
Damages to property and cattle	
Personal injuries	263 50
Agents and station service	12,990 84
Station supplies	633 43
Picking up logs	77 20
Total	\$148,487 70

GENERAL EXPENSES.

Salaries of the general officers of the company	\$3,466 66
Salaries of clerks in general offices	4,784 70
Law expenses	3,029 67
Insurance	968 79
Stationery and printing	1,289 35
Contingencies, including rent and interest	8,450 96
Taxes	7,086 10
Total	\$24,086 23

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	17.36	\$38,573 77
Maintenance of motive power and cars	4.99	11,092 91
Conducting transportation	66.82	148,487 70
General expenses, including taxes	10.83	24,086 23
Total operating expenses and taxes	100.00	\$222,240 61
Operating expenses and taxes per mile of road	\$1,061 82	
Operating expenses and taxes per train mile run for trains, earning revenue, 588,082 miles	88	
Percentage of expenses to earnings	58	
Net earnings per mile of road		756 02
Net earnings per train mile		27

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Alger, Mich., to Alpena, Mich., September 20, 1886.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Alger to Alpena	105	
Total length completed		105

BRANCHES.

Loon Lake, from Emery Junction to Rose City	32.20	
Mud Lake, from Mud Lake junction to "Y."	22.50	
Others	49.60	
Total length of branches owned by company		104.30
Total length of branches owned by company in Michigan	104.30	
Total length of road belonging to this company		209.30
Total length of road belonging to this company in Michigan	209.30	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	23.70	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		233.00
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	18	1,176
Iron bridges.....	2	486
Combination bridges.....	2	1,487
Wooden trestles.....	6	1,106
Total.....	28	4,155

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?
 Au Sable & Northwestern R. R. at Au Sable.

At what crossings are interlocking and derailing switches in operation?
 N. & N. W. R. R. at Au Sable.

What pattern or patterns have you adopted?
 Union Switch & Signal Co's.

Number of crossings of highways at grade in this State..... 96

Have safety guards been erected at overhead obstructions?
 No.

Are your frogs and guard rails blocked as required by act 174, session laws 1891?
 Yes.

How are they treated?
 With wooden blocks.

Stations.

Number of stations on whole line..... 32
 Same in Michigan..... 32

Employees.

Number of persons regularly employed on all roads operated by company, including officials..... 260
 Same in Michigan..... 260

Classify your employees as per following list:

	Number.
Baggagemen.....	1
Brakemen.....	50
Conductors.....	20
Engineers.....	18
Firemen.....	19
Laborers.....	111
Shopmen.....	17
Others.....	24

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you..... 37

Give the number of miles required to complete fence both sides of your track in Michigan,
 and the counties in which needed:
 Not required to fence.

Road bed and track.

Number of track sections in Michigan..... 19
 Average lengths of sections, miles..... 10
 Average number of men in each section gang..... 8
 Number of new ties put in whole line during the year..... 28,000
 Number of new ties put in track in Michigan..... 28,000
 Average number of new ties per mile of road..... 267

Bridges and culverts.

Amount of trestle work replaced with earth during the year, linear feet..... 176
 Timber culverts replaced during the year..... 2
 With sewer pipe—number..... 1
 With timber—number..... 1

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	19	
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	1	
Total.....	20	\$98,000 00
Number of passenger cars—8-wheel including official cars.....	5	\$12,000 00
Number of express and baggage cars.....	2	3,000 00
Number of box freight cars.....	37	10,200 00
Number of platform cars.....	290	58,000 00
Number of conductors' way cars.....	5	2,000 00
Other cars as follows:		
Derrick.....	1	1,800 00
Timber trucks.....	292	18,980 00
Total.....	632	\$203,980 00
Number of locomotives equipped with power brakes.....		20
Number of passenger train cars equipped with power brakes.....		7

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Westinghouse and American.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1885?
No.

What pattern or patterns have you adopted for use?
Will adopt Gould coupler.

How are your passenger cars heated?
Smith & Owen hot water.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	65,780
Miles run by freight trains during the year.....	429,078
Miles run by mixed trains.....	98,274
Total mileage of trains earning revenue.....	593,032

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried.....	82,703		
Total number of passengers carried.....	82,703		
Total passenger mileage.....	2,599,082		
Average distance traveled by each passenger.....		31.427	
Average amount received from each passenger.....			\$0 91.0
Average rate of fare per mile for all passengers.....			02.9

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried.....	548,072		
Total freight mileage, or tons carried one mile.....	18,360,412.0		
Average ton haul for local freight.....		33.5	
Average amount received for each ton haul.....			\$0 51.0
Average rate per ton per mile received for all freight.....			01.5

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	4,354
Flour.....	3,376
Provisions (beef, pork, lard, etc.).....	1,193
Animals.....	630
Other agricultural products.....	313
Lumber and forest products.....	508,266
Coal.....	2,144
Plaster, lime and cement.....	199
Salt.....	1,293
Petroleum.....	626
Railroad iron, iron and steel rails.....	2,696
Other iron and castings.....	429
Stone, brick and sand.....	2,262
Manufactures—articles shipped from point of production.....	2,706
Merchandise and other articles not enumerated above.....	17,593
Total forwarded.....	548,072

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	4,354	.79
Flour	8,376	.62
Provisions (beef, pork, lard, etc.)	1,193	.22
Animals	630	.12
Other agricultural products	313	.06
Lumber and forest products	508,286	92.73
Coal	2,144	.39
Plaster, lime and cement	199	.04
Salt	1,295	.24
Petroleum	626	.11
Railroad iron, iron and steel rails	2,686	.49
Other iron and castings	429	.08
Stone, brick and sand	2,262	.41
Manufactures—articles shipped from point of production	2,706	.49
Merchandise and other articles not enumerated above	17,593	3.21
Total tons carried	548,072	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company, one and one-half first class rates on local business, first class rates on through business; general express business; freight taken at depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
210 miles. Western Union Telegraph Co.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Wagner Palace Car Co., New York City; \$1,989.80.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Blue Line	Rochester, N. Y.	\$120 60
Canada Southern Line	Rochester, N. Y.	229 76
Merchant's Despatch Transportation Co.	New York, N. Y.	56 54
National Car Co.	St. Albans, Vt.	2 05
Red Line Transit Co.	Buffalo, N. Y.	5 08
Swift Refrigerator Transportation Co.	Chicago, Ill.	185 63
Barton Stock Car Co.	Boston, Mass.	9 08
Armour Refrigerator Line	Chicago, Ill.	1 05
Arms Palace Horse Car Line	Chicago, Ill.	3 65
Midland Line	Buffalo, N. Y.	57
Empire Line	Philadelphia, Pa.	1 38
G. H. Hammond Co.	Hammond, Ind.	113 38
Canadian Pacific Despatch	Boston, Mass.	2 07
Southern Iron Car Line	Atlanta, Ga.	1 57
Union Tank Line	New York, N. Y.	3 15
Southern Freight Line	Atlanta, Ga.	1 57
Chicago Car & Coal Co.	Chicago, Ill.	2 46
B. T. Ramage	Reno, Pa.	1 47
Nelson, Morris & Co.	Chicago, Ill.	1 57
J. E. B. Furniture Line	Atlanta, Ga.	52
Cudahy Refrigerator Line	Chicago, Ill.	1 57

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

March 5, Con. O'Neill, conductor, Mud Lake Junction. Thumb cut off by slipping of jack; purely accidental.
 June 11, Edward McDonald, brakeman, Alger. Two ribs broken; coupling.
 June 19, Jas. Roberts, brakeman, Alpena. One finger crushed; coupling.
 June 29, John Ballenger, laborer, Wolf Creek. Ankle broken; slipping in front of car.
 August 12, Peter Nelson, passenger. Leg broken; trying to board moving train.
 August 26, Benie Donjon, brakeman, Black River. Bones of foot broken; struck by log chain.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....	-----	-----	-----	-----	2	-----
Getting on and off trains.....	-----	-----	-----	1	-----	-----
Miscellaneous.....	-----	-----	-----	-----	3	-----
Total.....	-----	-----	-----	1	5	-----

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons injured during the year	6
Number of casualties purely accidental.....	3
Number resulting from lack of caution, carelessness, or misconduct	3

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....	-----	3	3
Conductors.....	-----	1	1
Laborers.....	-----	1	1
Total.....	-----	5	5

STATE OF MICHIGAN, } ss.
 COUNTY OF WAYNE,

James D. Hawks, manager, and George M. Crocker, auditor, of the Detroit, Bay City & Alpena Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

J. D. HAWKS, Manager.
 GEORGE M. CROCKER.

Subscribed and sworn to before me this 14th day of April, A. D. 1894.

[L. S.]

A. E. PETERS,
 Notary Public.

ANNUAL REPORT
OF THE
DETROIT, GRAND HAVEN & MILWAUKEE RAILWAY
COMPANY.

For the year ending December 31, 1893.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, LEWIS J. SEARGEANT, Montreal, Province of Quebec.
Assistant to the President, CHARLES PERCY, Montreal, Province of Quebec.
Secretary and Treasurer, JAMES H. MUIR, Detroit, Mich.
General Manager, W. J. SPICER, Detroit, Mich.
Superintendent, A. B. ATWATER, Detroit, Mich.
Mechanical Superintendent, HERBERT ROBERTS, Detroit, Mich.
Chief Engineer, GEORGE MASSON, Detroit, Mich.
Traffic Manager, JOHN W. LAND, Detroit, Mich.
Solicitor, E. W. MEDDAUGH, Detroit, Mich.

DIRECTORS.

LEWIS J. SEARGEANT, Montreal, Province of Quebec.
JOHN PRIDGEON, JR., Detroit, Mich.
ELIJAH W. MEDDAUGH, Detroit, Mich.
GEORGE F. MOORE, Detroit, Mich.
GEORGE JEROME, Detroit, Mich.
W. J. SPICER, Detroit, Mich.
HENRY HOWARD, Port Huron, Mich.
JOSEPH HOBSON, Hamilton, Province of Ontario.
GEORGE B. REEVE, Chicago, Ill.

Terms expire 1st Monday in October, 1894, or until successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 7, 1834, as the Detroit & Pontiac Railroad Co.
Number of stockholders at date of last election: 11.
Number of stockholders in Michigan at same date: 6.
Amount of full paid stock held in Michigan at same date: \$300.
Date of annual meeting of stockholders: First Monday in October.
Fiscal year of company ends: December 31.
General offices of the company are located at Detroit, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$1,127,899 07
Total expenses, including taxes	\$935,499 26	
Net income		\$191,799 81
Interest on funded debt	\$324,500 00	
Interest on unfunded debt	20,196 44	
Rental of buildings, tracks, etc.	4,686 04	
Rentals of engines and cars	19,500 00	
		368,882 48
Balance for the year, deficit	\$177,082 67	
Balance, advanced by Grand Trunk Ry. Co.		\$177,082 67

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$1,500,000 00
Par value of shares	\$50 00	
Number of shares issued	30,000	
Amount paid in on common		\$1,500,000 00
Total amount paid in as per books of the company		1,500,000 00
Paid in per mile of road owned by company, miles 189		7,936 51

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Equipment mortgage bonds, issued Nov. 14, 1878	6%	November 14, 1918 ..	In New York or London.	\$2,000,000 00
Consolidated mortgage bonds, issued Nov. 15, 1878	6%	November 15, 1918 ..	In New York or London.	3,200,000 00
Mortgage on land forming part of Detroit depot	5%	October 1, 1900	In London ..	146,000 00
Mortgage on land forming part of Detroit depot	6½%	On demand	In Detroit ..	80,000 00
Total funded debt				\$5,426,000 00

UNFUNDED DEBT.

For current balances and bond interest accrued and unclaimed, to be paid in cash	\$873,287 38
Total unfunded debt	\$873,287 38

RECAPITULATION.

Total funded debt	\$5,426,000 00
Total unfunded debt	873,287 38
Total debt liabilities	\$6,299,287 38
Amount of debt liabilities per mile of road, 189 miles	33,329 56
Total amount of stock and debt	7,799,287 38
Stock and debt per mile of road, 189 miles	41,266 07

GENERAL BALANCE SHEET.—Dr.

Construction account	}	\$7,048,063 20
Equipment account		
Cash items:		
Cash	\$29,049 63	
Due from agents	31,746 21	
		60,795 84
Other assets:		
Materials and supplies	\$107,758 66	
Debit balances from companies and individuals	582,870 68	
		690,629 34
Total		\$7,799,287 38

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$1,500,000 00	
Funded debt	5,426,000 00	
		\$6,926,000 00
Unfunded debt:		
Interest unpaid	\$78,444 40	
Notes payable	50,000 00	
Vouchers and accounts	744,842 98	
		873,287 38
Total		\$7,799,287 38

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: September 4, 1878; transferred by receiver, Oct. 19, 1878.

Original cost to present company of road and equipment	\$6,700,000 00
Amount expended since purchase, account of construction	\$92,801 20
Amount expended since purchase, account of equipment	45,781 00
Total cost to date of report	\$7,048,062 20
Average cost per mile of road, not including sidings, 189 miles	\$7,291 83
Proportion of cost for Michigan	7,048,062 20

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Buildings	\$7,224 92
Machinery and tools	12,380 00
Improving locomotives	2,592 00
Improving and enlarging cars	10,186 00
Total charges	\$32,196 92
Total charges to property account as above	32,196 92
Net addition to property account	32,196 92

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$433,535 85	
Through fares	14,982 28	
Total passenger fares	\$453,468 11	
Express and baggage	24,785 55	
Mails	29,199 58	
Other sources	4,641 97	
Total passenger department earnings		\$512,075 21
Proportion for Michigan	\$512,075 21	
Per train mile	1 06	
Per mile of road	2,709 39	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$584,128 81	
Through traffic	70,176 39	
Total traffic	\$604,300 20	
Total freight department earnings		604,300 20
Proportion for Michigan	\$604,300 20	
Per train mile	1 83	
Per mile of road	3,197 86	
Total transportation earnings		\$1,116,375 41
Transportation earnings per mile of road	\$5,906 75	
Transportation earnings per train mile	1 19	

Miscellaneous receipts from operating account, other than for transportation, as follows:

From rentals of tracks or terminals	\$8,097 56	
From other sources	2,826 10	
Total		10,923 66
Total earnings from operation of road		\$1,127,299 07
Total earnings per mile of road	\$5,964 54	
Total earnings per train mile	1 21	
Proportion of earnings for Michigan	1,127,299 07	
Total earnings per mile of road in Michigan	5,964 54	
Total income from all sources		\$1,127,299 07
Proportion of income for Michigan	\$1,127,299 07	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$76,516 07
Renewals of rails.....	19,410 82
Renewals of ties.....	32,468 28
Repairs of bridges, including culverts and cattle guards.....	19,904 86
Repairs of fences, road crossings and signs.....	11,814 71
Repairs of buildings.....	19,752 54
Total.....	<u>\$179,307 28</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$57,042 76
Repairs of passenger cars.....	21,348 22
Repairs of freight cars.....	44,859 84
Total.....	<u>\$123,750 82</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$98,250 66
Water supply.....	8,700 83
Oil and waste.....	6,484 35
Locomotive service.....	96,149 02
Passenger train service.....	22,650 01
Passenger train supplies.....	5,400 00
Mileage of passenger cars.....	4,935 11
Freight train service.....	85,284 62
Freight train supplies.....	1,850 00
Mileage of freight cars.....	12,596 56
Telegraph expenses (maintenance and operating).....	18,944 64
Damage and loss of freight and baggage.....	2,953 81
Damages to property and cattle.....	4,510 04
Personal injuries.....	2,270 89
Agents and station service.....	178,846 22
Station supplies.....	12,162 63
Total.....	<u>\$500,969 48</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$14,900 00
Salaries of clerks in general offices.....	29,438 35
Law expenses.....	1,870 47
Insurance.....	6,187 04
Stationery and printing.....	18,581 28
Outside agencies and advertising.....	17,011 50
Contingencies.....	7,357 00
Taxes.....	32,201 54
Total.....	<u>\$123,472 18</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	19.17	\$179,307 28
Maintenance of motive power and cars.....	14.19	123,750 82
Conducting transportation.....	53.55	500,969 48
General expenses, including taxes.....	13.09	123,472 18
Total operating expenses and taxes.....	100.00	<u>\$923,499 26</u>
Operating expenses and taxes per mile of road.....		\$4,949 73
Operating expenses and taxes per train mile run for trains earning revenue, 935,455 miles.....	1 00	
Proportion of operating expenses and taxes for Michigan.....	935,499 26	
Total proportion of expenses for Michigan.....	935,499 26	
Percentage of expenses to earnings.....	82.99	
Net earnings per mile of road.....	1,014 81	
Net earnings per train mile.....	21	

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Detroit, Mich., to Grand Haven, Mich., Nov. 22, 1858.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Detroit to Grand Haven.....		139.00
Total length completed.....		139.00
Total length of road belonging to this company.....	139.00	
Total length of road belonging to this company in Michigan.....	139.00	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....		66.74
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		255.74
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Iron bridges.....	23	2,971
Wooden trestles.....	40	2,841
Total.....	63	5,812

Swing bridges in Michigan.

How many on your line..... 2

Where located, when built, and length of draw span:

Near Ferrysburg: 1 in 1870, 2 openings, 80 feet each; and 1 in 1884, 2 openings, 75 feet each.

Character of structure:

Truss.

Material of which constructed:

Iron.

Height above water, and depth of water under bridge:

1870 bridge, height 9 feet 6 inches; depth of water 18 feet.

1884 bridge, height 8 feet 7 inches; depth of water 24 feet.

How swung, by engine or hand power:

By hand power.

Approaches straight or curved:

Two straight and two curved.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes; and by distant semaphores.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Grand Trunk R'y 4 miles west of Detroit.

Detroit & Bay City R. R. 4 miles west of Detroit.

Michigan Air Line R'y 1 mile east of Pontiac.

Flint & Pere Marquette R. R. at Holly.

Chicago & Grand Trunk R'y at Durand.

Toledo, Ann Arbor & North Michigan R'y at Durand.

Cincinnati, Saginaw & Mackinaw R. R. at Durand.

Jackson, Lansing & Saginaw R. R. at Owosso.

Detroit, Lansing & Northern R. R. at Ionia.

Lowell & Hastings R. R. at Lowell.

Grand Rapids & Indiana R. R. at Grand Rapids.

Chicago & West Michigan R'y at Grand Rapids and Ferrysburg.

What railroads cross your road either over or under your grade in this State, and where?

Under—Muskegon, Grand Rapids & Indiana R. R. at Berlin.

At what crossings are interlocking and derailing switches in operation?

Milwaukee Junction—crossing of Detroit & Bay City R. R.

What pattern or patterns have you adopted?

Union switch & Signal Company's.

Number of crossings of highways at grade in this State.....	251
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	58
Number of crossings at which there are electric or automatic signals.....	8

What pattern or patterns in use?

Electric skeleton balls.

Number of crossings of highways over or under railroad (over 14, under 9)	28
Number of highway bridges, 18 feet above track	9
Number of highway bridges, less than 18 feet above track	5

Have safety guards been erected at over head obstructions? Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1881? Yes.

How are they treated? Plank blocking.

Stations.

Number of stations on whole line	44
Same in Michigan	44

Employees.

Number of persons regularly employed on all roads operated by company, including officials	1,141
Same in Michigan	1,141

Classify your employees as per following list:

	Number.
Baggagemen	21
Brakemen	57
Conductors	31
Engineers	46
Firemen	55
Laborers	378
Shopmen	4
Yardmen	45
Others	432

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	385
--	-----

Give the number of miles required to complete fence both sides of your track in Michigan and the counties in which needed: Fencing completed.

Road bed and track.

Number of track sections in Michigan	37
Average lengths of sections, miles	5
Average number of men in each section gang	4
Number of new ties put in whole line during the year	88,096
Number of new ties put in track in Michigan	88,096
Average number of new ties per mile of road	344
New rails put in track:	
Steel, tons 268; miles, 2.50.	

Bridges and culverts.

Timber culverts replaced during the year:

With iron pipe—number	11
With sewer pipe—number	7
With timber—number	8

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	29	\$140,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	12	\$2,000 00
Total	41	\$172,000 00
Number of passenger cars—12-wheel, including official cars	5	\$20,000 00
Number of passenger cars—8-wheel including official cars	29	87,000 00
Number of express and baggage cars	11	22,000 00
Number of box freight cars	362	135,750 00
Number of stock cars	25	10,000 00
Number of platform cars	196	52,800 00
Number of conductors' way cars	21	14,700 00
Other cars as follows:		
Charcoal	21	
Furniture	19	
Combination, freight and cattle	10	
Auxiliary	1	
Total	51	20,400 00
Total	700	\$362,650 00
		\$634,650 00
Number of locomotives equipped with power brakes	20	
Number of passenger train cars equipped with power brakes	45	

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse air—locomotives, 80; cars, 45.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Preparing to equip them.

What pattern or patterns have you adopted for use?

"Gould."

How are your passenger cars heated?

Baker heater—hot water.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	435,061
Miles run by freight trains during the year	318,282
Miles run by mixed trains, one-quarter passenger and three-quarters freight trains.....	182,163
Total mileage of trains earning revenue.....	935,455

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	3,946		
Number of local passengers carried	636,510		
Total number of passengers carried	640,456		
Total passenger mileage		19,055,011	
Average distance traveled by each passenger		29.8	
Average amount received from each passenger			\$0 70.80
Average rate of fare per mile for through passengers			02.00
Average rate of fare per mile for local passengers.....			02.40
Average rate of fare per mile for all passengers			02.38

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	87,070		
Number of tons of local freight carried	512,308		
Total tons of freight carried.....	599,378		
Total mileage of through freight	16,438,316		
Total mileage of local freight.....	29,122,504		
Total freight mileage, or tons carried one mile.....	45,560,850		
Average ton haul for through freight.....		189	
Average ton haul for local freight		57	
Average ton haul for all freight		76	
Average amount received for each ton haul			\$1 00.82
Average rate per ton per mile, received for through freight.....			00.43
Average rate per ton per mile, received for local freight.....			01.83
Average rate per ton per mile, received for all freight			01.83

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	70,016
Flour	80,358
Provisions (beef, pork, lard, etc.).....	5,592
Animals	17,538
Other agricultural products	59,212
Lumber and forest products.....	109,199
Coal	52,085
Plaster, lime and cement	12,148
Salt	1,586
Petroleum	2,385
Railroad iron, iron and steel rails.....	2,369
Pig and bloom iron	1,081
Other iron and castings.....	2,808
Stone, brick and sand	26,990
Manufactures—articles shipped from point of production.....	24,811
Merchandise and other articles not enumerated above.....	99,550
Total forwarded	517,468

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain.....	70,976	11.84
Flour.....	39,651	14.96
Provisions (beef, pork, lard, etc.).....	5,848	.98
Animals.....	17,533	2.92
Other agricultural products.....	60,798	10.14
Lumber and forest products.....	109,334	18.32
Coal.....	52,385	8.74
Plaster, lime and cement.....	18,915	3.16
Salt.....	1,586	.26
Petroleum.....	2,335	.39
Railroad iron, iron and steel rails.....	2,369	.40
Pig and bloom iron.....	4,715	.79
Other iron and castings.....	2,623	.44
Stone, brick and sand.....	26,990	4.50
Manufactures—articles shipped from point of production.....	24,920	4.16
Merchandise and other articles not enumerated above.....	108,515	18.10
Total tons carried.....	599,378	100.00

ADDITIONAL QUESTIONS.

Fast Freight Lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Armour & Company.....	Chicago, Ill.	\$16 53
Anglo-American Refrigerator Car Co.....	Chicago, Ill.	2 96
Arms Palace Horse Car Co.....	Chicago, Ill.	3 41
American Refrigerator Transit Co.....	St. Louis, Mo.	5 16
Chicago Refrigerator Car Co.....	Chicago, Ill.	12 23
Continental Fruit Express Co.....	Chicago, Ill.	1 00
Cudahy Milwaukee Refrigerator Line.....	Milwaukee, Wis.	80
Cutler & Savage Lumber Co.....	Spring Lake, Mich.	32 25
Canada Cattle Car Co.....	Chicago, Ill.	9 09
California Fruit Express Co.....	Chicago, Ill.	13 72
California Fruit Transportation Co.....	Chicago, Ill.	1 39
Central Equipment Co.....	Terre Haute, Ind.	1 31
Detroit Iron Furnace Co.....	Detroit, Mich.	6 51
Eureka Transportation Co.....	Detroit, Mich.	156 14
Freeman Brothers.....	Pontiac, Mich.	2 78
Hicks' Stock Car Co.....	Chicago, Ill.	62
Hammond Refrigerator Line.....	Hammond, Ind.	80 83
J. E. Butler Furniture Line.....	Atlanta, Ga.	47
C. B. Havens & Co.....	Omaha, Neb.	79
Live Poultry Transportation Co.....	Chicago, Ill.	15 86
Laurel Hill Coal Co.....	Chicago, Ill.	09
Merchants' Despatch Transportation Co.....	New York, N. Y.	288 66
Morris & Company.....	Chicago, Ill.	47 17
Manhattan Oil Company.....	Lima, Ohio	2 01
New England Car Co.....	Chicago, Ill.	93
National Despatch Line.....	St. Albans, Vt.	3,310 56
C. B. & L. (New York Despatch).....	Chicago, Ill.	898 13
National Refrigerator Transit Co.....	Chicago, Ill.	6 96
Provision Dealers' Despatch.....	Chicago, Ill.	3 14
Street's Western Stable Car Line.....	Chicago, Ill.	3 47
Swift Refrigerator Line.....	Chicago, Ill.	39 68
St. Charles Car Co.....	St. Louis, Mo.	6 54
Sun Oil Line Co.....	Toledo, Ohio.	4 81
Union Refrigerator Transit Co.....	St. Louis, Mo.	15 03
Union Tank Line Co.....	New York, N. Y.	23 66
Union Iron Company.....	Detroit, Mich.	41 46
Total.....		\$4,535 20

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

National Express Company has exclusive right for passenger trains, and pays \$50.00 per day for not exceeding 5,000 pounds per day, and 80 cents per 100 pounds excess; carrying light freight, money, etc., and taking freight to and from depots. The total payments for any one year not to be less than \$20,000.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

180 miles of single wire belonging to the Western Union Telegraph Company, using the railway company's poles. A second wire 46½ miles long of same telegraph company, with poles, runs between Detroit and Holly.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Wagner Palace Car Co., New York, N. Y.; allowed mileage; \$4,177.07.

Pullman's Palace Car Co., Chicago, Ill., lease this company two sleeping cars free of mileage, this company keeping their exterior in repair.

Both these car companies get the fares for seats or berths.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

April 25, W. Massey, yardman, Detroit. Coupling; his carelessness.
June 3, Hill, trespasser, Pontiac. Fell from train; his carelessness.
June 12, J. Fitch, trespasser, Ionia. Run over by train; his carelessness.
November 20, P. Tracey, checker, Detroit. Fell from car; his carelessness.
December 6, Mrs. Jonski, trespasser, Detroit. Struck by train; her carelessness.

INJURED.

January 29, J. C. Baston, passenger, Ionia. Train derailed by broken rail; accidental.
January 29, Mrs. M. Thayer, passenger, Ionia. Train derailed by broken rail; accidental.
January 29, C. E. Bender, passenger, Ionia. Train derailed by broken rail; accidental.
January 29, J. C. Brown, brakeman, Fenton. Coupling; his carelessness.
January 30, F. King, yardman, Detroit. Coupling; his carelessness.
February 18, W. Ziegler, brakeman, Waterford. Fell from car; accidental.
February 28, S. Chambers, brakeman, Fenton. Coupling; his carelessness.
March 22, C. Sullivan, yardman, Grand Rapids. Coupling; his carelessness.
March 25, G. Atkinson, yardman, L. S. & M. S. Junction. Coupling; his carelessness.
April 9, M. McKugh, brakeman, Lowell. Coupling; his carelessness.
April 19, T. H. May, brakeman, Corunna. Coupling; his carelessness.
May 12, H. Weiss, trespasser, Detroit. Climbing between cars; carelessness.
May 12, W. Mortimer, laborer, L. S. & M. S. Junction. Struck by cars; his carelessness.
June 3, F. Gay, brakeman, Ovid. Coupling; his carelessness.
July 20, W. Cole, trespasser, Detroit. Struck by engine; his carelessness.
August 1, E. Maroney, conductor, Durand. Fell from car; accidental.
August 5, J. Federspiel, laborer, Detroit. Run over by car; his carelessness.
August 17, M. Koster, trespasser, Grand Rapids. Jumping on train; his carelessness.
August 18, L. Shreds, trespasser, Owosso. Jumping from train; his carelessness.
August 24, W. Lee, fireman, Holly. Hand caught in wheel of engine; accidental.
September 1, Novac, trespasser, Detroit. Struck by engine; his carelessness.
September 14, B. McKallard, brakeman, Ovid. Coupling; his carelessness.
September 22, B. Payne, trespasser, Muir. Jumping from train; his carelessness.
October 18, L. Smith, brakeman, Pontiac. Coupling; his carelessness.
October 26, B. Andrus, brakeman, Davisburg. Coupling; his carelessness.
November 4, J. Manning, brakeman, St. Johns. Coupling; his carelessness.
November 16, F. Gay, brakeman, Muir. Coupling; his carelessness.
November 16, R. Brown, brakeman, Owosso. Coupling; his carelessness.
November 20, B. McKallard, brakeman, Pontiac. Coupling; his carelessness.
November 30, T. A. Hutchinson, yardman, Detroit. Coupling; his carelessness.
November 28, B. Randall, brakeman, Milwaukee Junction. Coupling; his carelessness.
December 27, W. Craver, yardman, Grand Rapids. Coupling; his carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....		1			18	
Derailments.....				3		
Falling from trains.....		1			2	
Miscellaneous.....					8	
Trespassers on trains.....			1			4
Trespassers on tracks.....			2			2
Total.....		2	3	3	23	6

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	5
Number of persons injured during the year.....	32
Number of casualties purely accidental.....	6
Number resulting from lack of caution, carelessness, or misconduct.....	31
Trespassers and tramps killed or injured.....	9

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		14	14
Conductors.....		1	1
Firemen.....		1	1
Laborers.....		2	2
Yardmen.....	1	5	6
Not classified above.....	1		1
Total.....	2	23	25

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE,

W. J. Spicer, general manager, and James H. Muir, secretary and treasurer, of the Detroit, Grand Haven & Milwaukee Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. E.]

Signed,

W. J. SPICER, General Manager.

JAS. H. MUIR, Secretary and Treasurer.

Subscribed and sworn to before me this 31st day of March, A. D. 1894.

[L. S.]

L. F. LANG.

Notary Public, County of Wayne, State of Michigan.

ANNUAL REPORT
OF THE
DETROIT, LANSING & NORTHERN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 10, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, NATHANIEL THAYER, Boston, Mass.
Secretary, CHARLES MERRIAM, Boston, Mass.
Auditor, U. B. ROGERS, Grand Rapids, Mich.
Treasurer, CHARLES MERRIAM, Boston, Mass.
General Manager, CHAS. M. HEALD, Grand Rapids, Mich.
General Superintendent, J. K. V. AGNEW, Grand Rapids, Mich.
Assistant Superintendent, THOS. H. MALONE, Ionia, Mich.
General Auditor, C. W. COURTRIGHT, Boston, Mass.
Chief Engineer, J. J. McVEAN, Grand Rapids, Mich.
Assistant Treasurer, JAS. E. HOWARD, Grand Rapids, Mich.
General Passenger Agent, GEO. DeHAVEN, Grand Rapids, Mich.
General Freight Agent, F. V. DAVIS, Grand Rapids, Mich.
Attorney, WM. ALDEN SMITH, Grand Rapids, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.
H. H. HUNNEWELL, Boston, Mass.
J. A. BURNHAM, Boston, Mass.
GEO. O. SHATTUCK, Boston, Mass.
CHAS. L. YOUNG, Boston, Mass.
CHAS. MERRIAM, Boston, Mass.
C. F. ADAMS, Boston, Mass.
E. V. R. THAYER, Boston, Mass.
A. H. HARDY, Boston, Mass.
GEO. WHITNEY, Boston, Mass.
CHAS. M. HEALD, Grand Rapids, Mich.

Terms expire second Wednesday in May, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: December 26, 1876.
Number of stockholders at date of last election: 456.
Number of stockholders in Michigan at same date: 2.
Amount of full paid stock held in Michigan at same date: 106 shares, \$10,600.00.
Date of annual meeting of stockholders: Second Wednesday in May.
Fiscal year of company ends: December 31.
General offices of the company are located at Boston, Mass., and Grand Rapids, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$1,205,098 20
Total expenses, including taxes.....	\$970,786 89	
Net income.....		\$234,306 31
Interest on funded debt.....	\$225,540 00	
Interest on unfunded debt.....	7,747 85	
Rentals of buildings, tracks, etc.	94,749 52	
		328,087 87
Balance for the year	\$93,781 06	
Balance (profit and loss) last year.....		\$217,210 44
Balance forward to next year.....		\$123,479 38

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$4,410,000 00
Par value of shares	\$100 00	
Number of shares issued.....	43,856	
Amount paid in on common.....	\$1,825,600 00	
Amount paid in on preferred.....	2,510,000 00	
Total amount paid in, as per books of the company		\$4,335,600 00
Paid in per mile of road owned by company, 221.57 miles.....		19,567 63

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Detroit, Lansing & Northern R. B. Co., 1st mortgage bonds.....	7%	1907.....	Boston, Mass.....	\$3,672,000 00
Ionis & Lansing R. B. Co., 1st mortgage bonds.....	5%	1899.....	New York City	770,000 00
Total funded debt.....				\$3,442,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	To be paid from earnings.....	\$586,698 07
For equipment.....		
For real estate		
For renewals		
For miscellaneous		
For current balances.....		

RECAPITULATION.

Total funded debt	\$3,442,000 00
Total unfunded debt.....	586,698 07
Total debt liabilities.....	\$4,028,698 07
Amount of debt liabilities per mile of road, 221.57 miles.....	18,183 51
Total amount of stock and debt.....	\$4,964,398 07
Stock and debt per mile of road (221.57 miles).....	\$7,750 14

GENERAL BALANCE SHEET.—Dr.

Construction account	\$6,559,394 07	
Equipment account	655,109 07	
Other investments (specifying same):		
Construction and equipment G. R., L. & D. R. R.	1,203,636 27	
Construction and equipment S. & W. R. R.	568,561 65	
		\$9,986,621 06
Cash items:		
Cash	\$85,958 57	
Bills receivable	400 05	
Due from agents	12,911 58	
		49,270 20
Other assets:		
Materials and supplies	\$90,432 74	
Sinking funds	261,065 67	
Debit balances from companies and individuals	406,816 78	
Common stock scrip	71 00	
		758,386 19
Total		<u>\$10,194,277 45</u>

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$4,335,000 00	
Funded debt	3,442,000 00	
Capital stock, G. R., L. & D. R. R.	25,000 00	
Capital stock, S. & W. R. R.	4,500 00	
Funded debt, G. R., L. & D. R. R.	1,108,000 00	
Funded debt, S. & W. R. R.	568,000 00	
		\$9,484,100 00
Unfunded debt:		
Interest unpaid	\$305,886 67	
Notes payable	8,000 00	
Vouchers and accounts	247,841 40	
Other liabilities (list as follows):		
Net traffic balances due other companies	25,390 00	
		586,698 07
Profit and loss or income accounts		123,479 88
Total		<u>\$10,194,277 45</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$7,514,433 14
Average cost per mile of road, not including sidings, 221.57 miles	33,914 49
Proportion of cost for Michigan	<u>7,514,433 14</u>

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Right of way	\$50 00
Total charges to property account as above	\$50 00
Property sold and credited	8,015 26
Net credit to property account	<u>\$7,965 26</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$422,949 67	
Through fares	77,968 27	
Total passenger fares	\$500,917 94	
Express and baggage	20,643 14	
Mails	46,190 98	
Total passenger department earnings		\$567,752 01
Proportion for Michigan	\$567,752 01	
Per train mile	85	
Per mile of road	1,701 28	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$498,117 43	
Through traffic	123,612 96	
Total traffic	\$619,180 39	
Other sources	753 00	
Total freight department earnings		619,883 39
Proportion for Michigan	\$619,883 39	
Per train mile	1 90	
Per mile of road	1,857 50	
Total transportation earnings		\$1,187,635 40
Transportation earnings per mile of road	\$3,553 78	
Transportation earnings per train mile	1 00	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From telegraph	\$7,949 65	
From other sources	9,508 15	
		17,457 80
Total earnings from operation of road		\$1,205,093 20
Total earnings per mile of road	\$3,611 09	
Total earnings per train mile	1 02	
Proportion of taxable earnings for Michigan	1,205,093 20	
Total taxable earnings per mile of road in Michigan	3,611 09	
Total income from all sources		\$1,205,093 20
Proportion of income for Michigan		1,205,093 20

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$121,104 01
Renewals of rails	10,601 02
Renewals of ties	40,430 81
Repairs of bridges, including culverts and cattle guards	7,892 79
Repairs of fences, road crossings and signs	14,682 81
Repairs of buildings	13,398 16
Total	\$233,104 10

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$53,448 82
Repairs of passenger cars	36,115 38
Repairs of freight cars	82,477 43
Total	\$122,089 63

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$100,699 65
Water supply	6,035 50
Oil and waste	4,075 48
Locomotive service	93,118 71
Passenger train service	30,530 99
Passenger train supplies	4,798 41
Mileage of passenger cars	Credit \$,504.79
Freight train service	38,190 77
Freight train supplies	2,175 86
Mileage of freight cars	19,675 01
Telegraph expenses (maintenance and operating)	23,079 67
Damage and loss of freight and baggage	3,067 24
Damages to property and cattle	546 82
Personal injuries	8,419 32
Agents and station service	107,011 82
Station supplies	5,407 81
Total	\$493,078 27

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$19,009 08
Salaries of clerks in general offices.....	25,187 84
Law expenses.....	6,198 97
Insurance.....	8,708 22
Stationery and printing.....	9,902 55
Outside agencies and advertising.....	11,562 02
Contingencies.....	84,888 54
Taxes.....	27,707 17
Total.....	<u>\$187,564 89</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	22.98	\$323,104 10
Maintenance of motive power and cars.....	12.57	123,089 63
Conducting transportation.....	45.13	438,078 27
General expenses, including taxes.....	19.32	187,564 89
Total operating expenses and taxes.....	100.00	<u>\$970,786 89</u>
Operating expenses and taxes per mile of road.....		\$2,908 99
Operating expenses and taxes per train mile run for trains earning revenue, 1,186,929 miles.....		82
Proportion of operating expenses and taxes for Michigan.....		970,786 89
Percentage of expenses to earnings.....	80.56	
Net earnings per mile of road.....		702 10
Net earnings per train mile.....		<u>20</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Detroit to Howard City, August, 1871.
 From Stanton Junction to Big Rapids, July, 1880.
 From Kiddville to Belding, July, 1873.
 From Alma to Howard City, August, 1886.
 From Grand Ledge to Grand Rapids, August, 1888.
 From Oakdale Park to Reed's Lake, August, 1888.

MAIN LINE.

	Miles.
In Michigan, from West Detroit to Howard City.....	156.60
Total length completed.....	<u>156.60</u>

BRANCHES.

Stanton, from Stanton Junction to Big Rapids.....	68.30
Belding, from Kiddville to Belding.....	1.67
Total length of branches owned by company.....	64.97
Total length of branches owned by company in Michigan.....	64.97
Total length of road belonging to this company.....	221.57
Total length of road belonging to this company in Michigan.....	221.57
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	77.06
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	298.63
Gauge of track in Michigan, 4 feet, 8½ inches.....	

Proprietary or leased roads operated by this company.

Name, description and length of each.	Total miles.	In Michigan.
Detroit to Redford Junction.....	13.04	
Lansing to North Lansing.....	1.00	
Alma to Howard City.....	42.57	
Grand Rapids to Grand Ledge.....	53.01	
Oakdale Park to Reed's Lake.....	2.53	
Total.....	112.15	112.15
Total miles operated by the company.....		<u>333.72</u>

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	6	537
Iron bridges.....	24	2,651½
Wooden trestles.....	54	4,508
Total.....	84	7,696½

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Flint & Pere Marquette R. R., at Plymouth.
 Michigan Air Line R. R., at South Lyons.
 T. A. A. & N. M. R. R., at Howell Junction.
 Chicago & Grand Trunk R. R., at Trowbridge.
 Lowell & Hastings R. R., at Elmdale.
 Detroit, Grand Haven & Milwaukee R. R., at Ionia.
 Toledo, Saginaw & Muskegon R. R., at Sheridan and Greenville.
 Michigan Central R. R., at Grand Rapids.
 Grand Rapids & Indiana R. R., at Grand Rapids and Big Rapids.

At what crossings are interlocking and derailling switches in operation?

T. A. A. & N. M. R. R., at Howell Junction.
 Chicago & Grand Trunk R'y, at Trowbridge.
 Lowell & Hastings R. R., at Elmdale.
 Toledo, Saginaw & Muskegon R. R., at Sheridan and Greenville.
 Michigan Central R. R., at Grand Rapids.
 Grand Rapids & Indiana R. R., at Grand Rapids.

What pattern or patterns have you adopted?

Union Switch & Signal Co., and Gravitt.

Number of crossings of highways at grade in this State: 441.

Number of crossings of highways at grade in this State at which there are gates or flagmen: 21.

Number of crossings of highways over or under railroad (over, 9; under, 11): 20.

Number of highway bridges, 18 feet above track: 9.

Have safety guards been erected at over-head obstructions: Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884: Yes.

How are they treated?

Hard guards and blocked with plank.

Stations.

Number of stations on whole line.....	72
Same in Michigan.....	72

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	1,310
Same in Michigan.....	1,303

Classify your employ  s as per following list:

	Number.
Baggagemen.....	14
Brakemen.....	60
Conductors.....	42
Engineers.....	51
Firemen.....	58
Laborers.....	521
Shopmen.....	98
Yardmen.....	45
Others.....	431

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you.....	646.00
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed: None.	

Road bed and track.

Number of track sections in Michigan.....	65
Average lengths of sections (miles).....	5.50
Average number of men in each section gang.....	8
Number of new ties put in whole line during the year.....	173,951
Number of new ties put in track in Michigan.....	173,951
Average number of new ties per mile of road.....	521
New rails put in track:	
Steel (tons 1,142,122) miles 12.12.	
Total miles of track laid with new rails.....	12.12

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	40
Timber culverts replaced during the year:	
With iron pipe—number	1
With sewer pipe—number	17
With timber—number	None
New bridges built during the year—number, 4:	

Location.	Kind.	Material.	Month built.	Feet in length.
Portland	Pile trestle.	Wood	October	252
Greenville	Pile trestle.	Wood	February	70
Howard City	Pile trestle.	Wood	December	149
Mecosta	Pile trestle.	Wood	February	98

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	40	\$140,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	3	7,500 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender	1	1,000 00
Total	44	\$148,500 00
Number of passenger cars—8-wheel, including official cars	44	110,000 00
Number of express and baggage cars	22	38,000 00
Number of box freight cars	504	126,000 00
Number of stock cars	44	11,000 00
Number of platform cars	646	112,060 00
Number of conductors' way cars	27	5,400 00
Other cars as follows:		
Tool car	1	
Painter's car	1	
Kitchen car	1	
Tender to excavator	1	
Excavator	1	
Carpenters' cars	2	
Bridge gang car	1	
Road train dining car	1	
Road train sleeper	1	
Total	10	2,300 00
Total	1,297	\$549,260 00

Number of locomotives equipped with power brakes	43
Number of passenger train cars equipped with power brakes	66
Number of freight cars equipped with power brakes	7
What patterns of power brakes have you in use, and number of locomotives and cars with each?	
Cars—64 Westinghouse, 9 New York air.	
Locomotives—36 Westinghouse, 4 American steam, 2 New York air, 1 Eames vacuum.	
How are your passenger cars heated?	
By steam.	

MILEAGE, TRAFFIC, ETC.*Train mileage.*

Miles run by passenger trains during the year	670,822
Miles run by freight trains during the year	516,107
Total mileage of trains earning revenue	1,186,929

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	34,398	3,490,045	
Number of local passengers carried	696,647	18,656,539	
Total number of passengers carried	731,045		
Total passenger mileage		22,146,584	
Average distance traveled by each passenger		30.294	
Average amount received from each passenger			\$0 68.520
Average rate of fare per mile for through passengers			02.284
Average rate of fare per mile for local passengers			02.267
Average rate of fare per mile for all passengers			02.261

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	90,445		
Number of tons of local freight carried	511,958		
Total tons of freight carried	602,401		
Total mileage of through freight	13,794,686		
Total mileage of local freight	85,950,777		
Total freight mileage, or tons carried one mile	49,745,463		
Average ton haul for through freight		152.520	
Average ton haul for local freight		70.222	
Average ton haul for all freight		82.578	
Average amount received for each ton haul			\$1 02.777
Average rate per ton per mile, received for through freight			00.691
Average rate per ton per mile, received for local freight			01.379
Average rate per ton per mile, received for all freight			01.214

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	37,770	6.27
Flour	27,178	4.51
Provisions (beef, pork, lard, etc.)	1,602	.26
Animals	15,097	2.51
Other agricultural products	66,872	11.10
Lumber and forest products	228,418	37.92
Coal	81,375	13.51
Plaster, lime and cement	6,660	1.10
Salt	7,698	1.24
Petroleum	5,832	.97
Railroad iron, iron and steel rails	1,875	.28
Pig and bloom iron	1,661	.28
Other iron and castings	7,679	1.27
Stone, brick and sand	23,744	3.94
Manufactures—articles shipped from point of production	23,031	3.82
Merchandise and other articles not enumerated above	66,414	11.03
Total tons carried	602,401	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Company, at an agreed rate. They handle their own freight at the railroad company's depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

645 miles. Western Union Telegraph Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1898.

KILLED.

January 7, Cora Harger, housekeeper, Sunfield. Highway crossing accident; failure to observe train signals.

January 7, Mrs. George Alleman, housekeeper, Sunfield. Highway crossing accident; failure to observe train signals.

January 25, Ray Clemens, brakeman, Grand Rapids. Coupling on inside of curve.

January 22, Franzeska Schwentok, housekeeper, Detroit. Struck by train while walking on track; carelessness.

May 19, Arthur Reed, citizen, South Lyon. Struck by train while walking on track; carelessness.

July 1, Frank Carpenter, brakeman, Howell. Jumped from train to avoid collision with cars on main line.

November 17, M. H. Lally, citizen, Detroit. Fell from car door to brick pavement below.

February 8, John Henkle, citizen, Howard City. Struck by train at crossing.

August 31, Joseph Ball, citizen, Ithaca. Struck by train while walking on track.

" 17, Jacob H. Quant, citizen, Clarksville. Lying on track and run over; intoxicated.

STATE OF MICHIGAN, } ss.
COUNTY OF KENT, }

Chas. M. Heald, general Manager, and U. B. Rogers, auditor, of the Detroit, Lansing & Northern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

CHAS. M. HEALD.
U. B. ROGERS.

Subscribed and sworn to before me this 8th day of May, A. D. 1894.

[L. S.]

ERNEST N. WELLER.
Notary Public.

ANNUAL REPORT
OF THE
GRAND RAPIDS, LANSING & DETROIT RAILROAD
COMPANY.

For the year ending December 31, 1893.

[Filed May 23, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President. NATHANIEL THAYER, Boston, Mass.
Secretary. CHARLES MERRIAM, Boston, Mass.
Treasurer. CHARLES MERRIAM, Boston, Mass.
General Manager. CHAS. M. HEALD, Grand Rapids, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.
CHARLES MERRIAM, Boston, Mass.
GEO. O. SHATTUCK, Boston, Mass.
A. H. HARDY, Boston, Mass.
H. H. HUNNEWELL, Boston, Mass.
CHAS. L. YOUNG, Boston, Mass.
CHAS. M. HEALD, Grand Rapids, Mich.
Terms expire May 9, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 17, 1887.
Number of stockholders at date of last election: 8.
Number of stockholders in Michigan at same date: 1.
Amount of full paid stock held in Michigan at same date: \$100.00.
Date of annual meeting of stockholders: The second Wednesday in May.
Fiscal year of company ends: December 31.
General offices of the company are located at Boston, Mass. and Grand Rapids, Mich.

REMARKS.

The road is leased and operated by the Detroit, Lansing & Northern Railroad Company.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$150,000 00
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	250	
Amount paid in on common.....		\$28,000 00
Total amount paid in, as per books of the company.....		28,000 00
Paid in per mile of road owned by company.....		504 14

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, September 1, 1887	5%	Sept. 1, 1927 ..	Boston, Mass.	\$1,108,000 00
Total funded debt				\$1,108,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded, or how liquidated?	Amount.
For construction..... } For equipment..... }	To be paid	\$167,686 27
Total unfunded debt		\$167,686 27

RECAPITULATION.

Total funded debt	\$1,108,000 00
Total unfunded debt	167,686 27
Total debt liabilities	\$1,275,686 27
Amount of debt liabilities per mile of road, 55.54 miles	22,987 88
Total amount of stock and debt	1,808,686 27
Stock and debt per mile of road	23,472 02

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year, \$55,400.00.

Was it paid for the last year: Not fully.

If interest is in default state the years and amounts as follows: Default was made in the interest due Sept. 1, 1893, amounting to \$27,700.00.

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$1,808,686 27
Average cost of construction per mile of road, not including sidings, 55.54 miles	23,472 02
Proportion of cost of construction for Michigan	1,808,686 27

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini: August, 1888.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan, Grand Rapids to Grand Ledge	53.01	
Total length completed		53.01

BRANCHES.

Reed's Lake, from Oakdale Park to Reed's Lake	2.53	
Total length of branches owned by company		2.53
Total length road belonging to this company		55.54

	Miles.	Miles.
Total length of road belonging to this company in Michigan.....	55.54	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		9.66
Same in Michigan.....	9.66	
Aggregate length of tracks belonging to this company, computed as single track.....		65.20
Same in Michigan.....		65.20
Gauge of track, 4 feet 8½ inches.		

STATE OF MASSACHUSETTS. } ss.
COUNTY OF SUFFOLK.

Charles M. Heald, general manager, and Charles Merriam, secretary, of the Grand Rapids, Lansing & Detroit Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

CHAS. M. HEALD, *General Manager*.
CHAS. MERRIAM, *Secretary*.

Subscribed and sworn to before me this 23d day of May, A. D. 1894, by Charles Merriam.

[L. S.]

F. H. DAMON, *Notary Public*.

Subscribed and sworn to before me this 24th day of May, A. D. 1894, by Chas. M. Heald.

ERNEST N. WELLES,
Notary Public, Kent County, Mich.

ANNUAL REPORT
OF THE
SAGINAW & WESTERN RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed May 23, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, NATHANIEL THAYER, Boston, Mass.
Secretary, JAMES E. HOWARD, Grand Rapids, Mich.
Treasurer, JAMES E. HOWARD, Grand Rapids, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.
E. V. R. THAYER, Boston, Mass.
CHAS. F. ADAMS, Boston, Mass.
CHAS. MERRIAM, Boston, Mass.
GEO. O. SHATTUCK, Boston, Mass.
A. H. HARDY, Boston, Mass.
CHAS. L. YOUNG, Boston, Mass.
JNO. A. BURNHAM, Boston, Mass.
CHAS. M. HEALD, Grand Rapids, Mich.
Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 7, 1883.
Number of stockholders at date of last election: 9.
Number of stockholders in Michigan at same date: 1.
Amount of full paid stock held in Michigan at same date: \$100.00.
Date of annual meeting of stockholders: Second Wednesday in July.
Fiscal year of company ends: December 31.
General offices of the company are located at Grand Rapids, Mich.

REMARKS.

This road is leased for thirty years from July 1, 1883, to the Detroit, Lansing & Northern Railroad Company, that company paying the interest on the bonds and a dividend of 7 per cent per annum on the stock of the company as rental.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$675,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	45	
Amount paid in on common		\$4,500 00
Total amount paid in, as per books of the company		4,500 00
Paid in per mile of road owned by company, miles 42.57		105 71

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds.....	6%	1918	Boston, Mass.	\$566,000 00
Total funded debt				\$566,000 00

RECAPITULATION.

Total funded debt	\$566,000 00
Total debt liabilities.....	\$566,000 00
Amount of debt liabilities per mile of road, 42.57 miles.....	13,295 75
Total amount of stock and debt.....	570,500 00
Stock and debt per mile of road.....	13,401 46

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year, \$38,960.00.

Was it paid for the last year: Not fully.

If interest is in default state the years and amounts as follows: Default was made in the interest due July 1, 1898, amounting to \$16,960.00.

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$568,551 65
Average cost of construction per mile of road, not including sidings, 42.57 miles.....	13,385 68
Proportion of cost of construction for Michigan	568,551 65

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

August, 1896.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan, Alma to Howard City	42.57	
Total length completed.....		42.57
Total length of road belonging to this company		42.57
Total length of road belonging to this company in Michigan.....	42.57	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		10.23
Same in Michigan.....	10.23	
Aggregate length of tracks belonging to this company, computed as single track.....		52.80
Same in Michigan.....		52.80
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF KENT,

Charles M. Heald, general manager, and James E. Howard, secretary, of the Saginaw & Western Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

CHAS. M. HEALD, *General Manager.*

JAMES E. HOWARD, *Secretary.*

Subscribed and sworn to before me this 24th day of May, A. D. 1894., as to Chas. M. Heald, general manager.

ERNEST N. WELLER,

Notary Public, Kent Co., Mich.

Subscribed and sworn to before me this 15th day of May, A. D. 1894, as to James E. Howard, secretary.

ERNEST N. WELLER,

Notary Public, Kent Co., Mich.

ANNUAL REPORT

OF THE

DULUTH, SOUTH SHORE & ATLANTIC RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed April 5, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, GEN'L SAMUEL THOMAS, New York, City.
Vice President, CALVIN S. BRICE, Lima, Ohio.
Vice President, W. C. VAN HORNE, Montreal.
Secretary, GEO. H. CHURCH, New York City.
Auditor, ROBERT TOOMBS, Marquette, Mich.
Treasurer, E. W. ALLEN, Marquette, Mich.
General Manager, W. F. FITCH, Marquette, Mich.
Superintendent, C. E. LYTLÉ, Marquette, Mich.
Division Superintendents, { A. M. SUTHERLAND, Thomaston, Mich.
 { F. E. KETCHUM, Marquette, Mich.
Chief Engineer, H. J. PAYNE, Marquette, Mich.
Superintendent of Telegraph, J. D. BOXER, Marquette, Mich.
General Passenger Agent, C. B. HIBBARD, Minneapolis, Minn.
General Freight Agent, WM. ORR, Duluth, Minn.
Attorney, A. B. ELDREDGE, Marquette, Mich.

DIRECTORS.

GEN'L SAMUEL THOMAS, 80 Broadway, New York City.
 HON. CALVIN S. BRICE, 80 Broadway, New York City.
 RT. HON. LORD MOUNT STEPHEN, Montreal, Canada.
 SIR. DONALD, SMITH, Montreal, Canada.
 W. C. VAN HORNE, Montreal, Canada.
 T. G. SCHAUGHNESSY, Montreal, Canada.
 J. W. STIRLING, 45 William street, New York City.
 WALTER WATSON, 59 Wall street, New York City.
 THOS. W. PEARSELL, 31 Wall street, New York City.
 GEO. H. CHURCH, 45 William street, New York City.
 W. F. FITCH, Marquette, Michigan.
 Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 7, 1887.
 Number of stockholders at date of last election: 251.
 Number of stockholders in Michigan at same date: 14.
 Amount of full paid stock held in Michigan at same date: 7,120 shares.
 Date of annual meeting of stockholders: First Thursday in June.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Marquette, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$2,088,913 06
Total expenses, including taxes	\$1,517,801 06	
Net income		\$571,111 99
Interest on funded debt	\$870,166 66	
Balance for the year	\$298,354 67	
Balance (profit and loss) last year	164,154 55	
Balance forward to next year		\$463,009 22

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$23,000,000 00
Par value of shares	\$100 00
Number of shares issued	230,000
Amount paid in on common	\$13,000,000 00
Amount paid in on preferred	10,000,000 00
Total amount paid in, as per books of the company	\$23,000,000 00
Paid in per mile of road owned by company, 578.38 miles	\$38,087 28

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
D. S. S. & A., first mortgage, January 1, 1887	5%	January 1, 1937	New York City	\$4,000,000 00
D. S. S. & A., first consols, Aug. 1, 1890	4%	August 1, 1940	New York City	14,000,000 00
M. H. & O. 6% mortgage bonds, April 1, 1885	6%	April 1, 1925	New York City	1,400,000 00
D. S. S. & A., 20 year income certificates, Dec. 31, 1892	4%	December 31, 1912	New York City	3,000,000 00
Car Trust of July 9, 1898	6%	November 7, 1898	New York City	184,115 00
Total funded debt				\$23,184,115 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For miscellaneous	Accrued fixed charges. To be paid in cash	\$254,333 83
For current balances	To be paid in cash	259,184 23
Total unfunded debt		\$523,467 56

RECAPITULATION.

Total funded debt	\$23,184,115 00
Total unfunded debt	523,467 56
Total debt liabilities	\$23,707,582 56
Amount of debt liabilities per mile of road, 578.38 miles	40,989 63
Total amount of stock and debt	\$45,707,582 56
Stock and debt per mile of road, 578.38 miles	79,086 91

GENERAL BALANCE SHEET.—Dr.

Construction account		\$42,854,298 67
Equipment account		1,866,559 88
Other investments:		
Mackinaw Transportation Co.	\$208,006 85	
S. S. Marie Bridge Co.	250 00	
Mineral Range R. R.	257,300 00	
Lake Superior Term. & Transportation R'y.	18,100 00	
Lake Michigan & Lake Superior R'y.	7,862 68	
Duluth Mfg. Co.	2,327 00	
Ropes Gold Mine	260 00	
M. H. & O. Lands	13,090 64	
Duluth & Win. R. R.	10,681 78	
		518,188 45
Cash items:		
Cash	\$78,624 21	
Due from agents	68,280 09	
		187,004 40
Other assets:		
Materials and supplies	\$215,362 15	
Debit balances from companies and individuals	58,158 79	
		273,521 94
Profit and loss		468,008 22
Total		\$45,707,582 56

GENERAL BALANCE SHEET.—Cr.

Capital stock		\$32,000,000 00
Funded debt		23,184,115 00
Unfunded debt:		
Interest unpaid	\$264,388 88	
Vouchers and accounts	259,184 23	
		523,467 56
Total		\$45,707,582 56

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$44,320,858 55
Average cost per mile of road (not including sidings), 578.38 miles	76,629 31
Proportion of cost for Michigan, 470.13 miles	36,025,787 51

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings	\$108,011 89
Refunding debt	480,486 67
New buildings, bridges and telegraph line	19,100 51
New fences	3,083 67
Machinery and tools	5,086 67
New locomotives	8,689 87
New cars	22,586 97
Total	\$596,945 75
Total charges to property account as above	\$596,945 75
Property sold and credited	180 00
Net addition to property account	596,765 75

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$321,880 96	
Through fares	251,914 51	
Total passenger fares	\$578,795 47	
Express and baggage	22,831 80	
Mail	46,780 15	
Other sources	2,907 41	
Total passenger department earnings	\$650,714 88	
Proportion for Michigan	\$561,142 87	
Per train mile	72	
Per mile of road	1,091 97	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$797,294	48
Through traffic	604,351	72
Total traffic	\$1,401,646	65
Other sources, freight department	7,420	11
Total freight department earnings		\$1,409,066 76
Proportion for Michigan	\$1,257,745	08
Per train mile	1	40
Per mile of road	2,864	58
Total transportation earnings		\$2,069,781 59
Transportation earnings per mile of road	\$3,456	63
Transportation earnings per train mile	1	23
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From rentals of tracks or terminals	6,000	00
From other sources	7,066	88
Total		13,066 88
Distribution of miscellaneous earnings between main line and leased or proprietary roads:		
Company.	Total miscellaneous.	Proportion for Michigan.
All D., S. S. & A. R'y	\$13,066 88	\$12,082 96
Total earnings from operation of road		\$2,072,843 47
Total earnings per mile of road	\$3,478	46
Total earnings per train mile	1	24
Proportion of taxable earnings for Michigan, actual	1,880,970	90
Total taxable earnings per mile of road in Michigan	3,328	56
Income other than from earnings	16,064	58
Total income from all sources		\$2,088,913 05
Proportion of income for Michigan		1,847,025 48

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$230,530	52
Renewals of rails	10,988	53
Renewals of ties	25,627	27
Repairs of bridges, including culverts and cattle guards	18,482	54
Repairs of fences, road crossings and signs	2,905	24
Repairs of buildings	23,785	90
Total	\$302,270	09

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$66,072	49
Repairs of passenger cars	29,578	76
Repairs of freight cars	66,780	98
Total	\$162,432	18

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$158,238	85
Water supply	13,563	12
Oil and waste	5,264	60
Locomotive service	151,219	65
Passenger train service	36,716	56
Passenger train supplies	6,904	02
Mileage of passenger cars	9,857	19
Freight train service	119,350	92
Freight train supplies	5,206	82
Mileage of freight cars	20,090	69
Telegraph expenses (maintenance and operating)	34,184	12
Damage and loss of freight and baggage	2,299	99
Damage to property and cattle	15,650	71
Personal injuries	20,050	37
Agents and station service	180,165	20
Station supplies	10,298	83
Total	\$818,561	65

GENERAL EXPENSES.

Salaries of the general officers of the company	\$86,804 90
Salaries of clerks in general offices	37,403 04
Law expenses	8,172 90
Insurance	7,898 46
Stationery and printing	13,800 23
Outside agencies and advertising	25,504 80
Contingencies	62,407 08
Taxes	42,846 18
Total	\$284,837 14

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	19.92	\$302,270 09
Maintenance of motive power and cars	10.70	162,432 18
Conducting transportation	58.94	818,561 65
General expenses, including taxes	15.44	294,837 14
Total operating expenses and taxes	100.00	\$1,517,601 06
Operating expenses and taxes per mile of road	\$2,546 70	
Operating expenses and taxes per train mile run for trains earning revenue, 1,044.961 miles	90.6	
Proportion of operating expenses and taxes for Michigan, main line		\$1,318,556 64
Total proportion of expenses for Michigan		\$1,318,556 64
Percentage of expenses to earnings	72.65	
Net earnings per mile of road	\$931 76	
Net earnings per train mile	\$3.4	

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Marquette to Ishpeming, 1867.
 From Ishpeming to Champion, June, 1865.
 From Humboldt to Republic, September, 1872.
 From Champion to L'Anse, December, 1872.
 From St. Ignace to Marquette, December, 1881.
 From L'Anse to Houghton, July, 1883.
 From Marquette to Winthrop Junction, June, 1884.
 From Sault Ste. Marie to Soo Junction, October, 1887.
 From Nestoria to Iron River, September, 1888.
 From Iron River to West Superior, December, 1892.
 Palmer Branch, August, 1888.
 Bessemer Branch, November, 1888.
 Bay Mills branch, May, 1891.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Sault Ste. Marie to Wisconsin state line	302.37	
In Michigan, from St. Ignace to Soo Junction	42.97	
In Michigan, from Nestoria to Houghton	45.24	
In Michigan, from Marquette to Winthrop Junction	17.53	
In Wisconsin, from Mich. State line to West Superior		410.91
Total length completed		108.25
Total length completed		519.16
Length of double track on main line		2.46

BRANCHES.

Palmer, from Negaunee to Volunteer mine	6.09	
Bay Mills, from Bay Mills station to Hall & Monson Mill	2.25	
Republic, from Humboldt to Riverside mine	13.12	
Bessemer, from Bessemer Junction to Bessemer	2.70	
Various mines, from various to various	35.06	
Total length of branches owned by company		59.22
Total length of branches owned by company in Michigan	59.22	
Total length of road belonging to this company		580.84
Total length of road belonging to this company in Michigan	472.59	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	107.11	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		579.70
Gauge of track, 4 feet 8½ inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each: Trackage rights.	Total miles.	In Michigan.
Dead River R. R.	8.11	8.11
Lake Superior Terminal & Transfer R. R. ....	.82	
St. Paul & Duluth	8.40	
Duluth Union Depot Co. ....	.20	
Total	17.53	8.11
Total miles operated by the company	595.91	478.24

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	30	2,366
Stone bridges	1	6
Iron bridges	7	497
Wooden trestles	262	57,378
Total	300	60,247

The 30 wooden spans are part of certain trestles.

Draw bridges in Michigan.

How many on your line?
One.

Where located, when built, and length of draw span?
On Bay Mill Branch, February, 1891, 27 feet, 8 inches.

Character of structure?
Jack knife draw.

Material of which constructed?
Wood and iron.

Height above water, and depth of water under bridge?
Two feet four inches in clear; depth 12½ feet.

How swung, by engine or hand power?
Hand.

Approaches straight or curved?
Straight.

Do you require all trains to come to a full stop before crossing a draw, and how are they signaled?
Yes; no signals account; no regular train scheduled.

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Minneapolis, St. Paul & S. S. Marie, at Trout Lake	1
Newberry Narrow Gauge R. R., at Newberry	1
Manistique R'y, West of Seney	1
Chicago & Northwestern Ry., at Palmer Branch	2
" " " " South Jackson	1
" " " " Lucy Mine	1
" " " " Negaunee Station	1
" " " " West Negaunee, main Line	1
" " " " Barnum mine	1
" " " " St. Lawrence mine	1
" " " " Lake Angeline mine	1
" " " " Winthrop Branch	3
" " " " Boston Branch	1
" " " " Dishno Branch	1
" " " " Republic Branch	1
" " " " Michigamme, main Line	1
" " " " Michigamme mill tracks	2
Chicago, Milwaukee & St. Paul R'y, at Champion	1
" " " " West Republic	1
" " " " Republic mine	1
" " " " Republic	1
" " " " Sidnaw	1
Nester logging road, at Sidnaw	1
Trout Creek Lumber Co. R. R., at Trout Creek	1

What railroads cross your road either over or under your grade in this State, and where?

Over:
C. & N. W. R. R. at one mile east of Champion.
Iron Range & Huron Bay R. R. at one mile west of Champion.
Under:
C. & N. W. R. R. at Negawames, two crossings.

At what crossings are interlocking and derailing switches in operation?

C. & N. W. R'y and C. M. & St. P. R'y at Republic	1
Manistique R'y at Seney	1
C. & N. W. R'y at Michigamme	1
C. M. & St. P. R'y at Sidnaw	1

What pattern or patterns have you adopted?

At Republic and Michigamme, Union Switch & Signal Co.
At Seney, Gravitt Interlocking Switch Co.
At Sidnaw, Saxby and Farmer.

Number of crossings of highways at grade in this State	179
Number of crossings of highways at grade in this State at which there are gates or flagmen	19

Number of crossings of highways over or under railroad:

Over	2
Under	9
Number of highway bridges 18 feet above track	2

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?

Yes.

How are they treated?

Filled in with plank.

Stations.

Number of stations on whole line	56
Same in Michigan	45

Employees.

Number of persons regularly employed on all roads operated by company, including officials	1,724
Same in Michigan	1,574

Classify your employees as per following list:

Number.

Baggage-men	25
Brakemen	110
Conductors	48
Engineers	70
Firemen	71
Laborers	593
Shopmen	235
Yardmen	79
Others	489

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?	199
-------------------------------------	-----

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Mackinaw	47½
Chippewa	121
Luce	53
Schoolcraft	36½
Alger	51½
Marquette	91½
Baraga	112½
Houghton	42½
Ontonagon	52½
Gogebic	48

Total miles required	662
----------------------	-----

Road bed and track.

Number of track sections in Michigan	88
Average lengths of sections (miles)	5.4
Average number of men in each section gang	4
Number of new ties put in whole line during year	141,754
Number of new ties put in track in Michigan	128,296
Average number of new ties per mile of road, 580.84 miles	244
New rails put in track:	
Steel (1,065,2188 tons), miles	9.42

Bridges and culverts.

Timber culverts replaced during the year	22
With timber—number	18
Filled with earth	4

New bridges built during the year—number, 2.

Location.	Kind.	Material.	Month built.	Feet in length.
85¼ miles west of Sault Ste. Marie.....	Piling.....	Wood.....	August.....	31
26½ miles west of Sault Ste. Marie.....	Piling.....	Wood.....	October.....	512

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	84	\$872,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	10	62,000 00
Total.....	94	\$784,000 00
Number of passenger cars—8-wheel, including official cars.....	37	148,000 00
Number of express and baggage cars.....	12	24,000 00
Number of box freight cars.....	975	290,000 00
Number of platform cars.....	625	187,500 00
Number of ore cars.....	2,502	402,000 00
Number of conductors' way cars.....	23	16,500 00
Other cars.....	31	24,300 00
Total.....	4,285	\$1,926,300 00
Number of locomotives equipped with power brakes.....		72
Number of passenger train cars equipped with power brakes.....		49
Number of freight cars equipped with power brakes.....		29

What patterns of power brakes have you in use, and number of locomotives and cars with each?

23 locomotives, Westinghouse.
 26 locomotives, American Steam Brake.
 23 locomotives, American Steam Brake and Westinghouse.
 49 passenger cars, Westinghouse.
 29 freight cars, Westinghouse.

Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1885?
 Yes.

What pattern or patterns have you adopted for use?
 Safford, Blocker & Trogan.

How are your passenger cars heated?
 Mason and Baker Heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	774,860
Miles run by freight trains during the year	900,102
Total mileage of trains earning revenue.....	1,674,961

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	57,069		
Number of local passenger carried.....	301,437		
Total number of passengers carried.....	358,496		
Total passenger mileage.....		19,817,861	
Average distance traveled by each passenger.....		53.88	
Average amount received from each passenger.....			\$1 60
Average rate of fare per mile for through passengers.....			02.738
Average rate of fare per mile for local passengers.....			06.180
Average rate of fare per mile for all passengers.....			02.970

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	406,815		
Number of tons of local freight carried.....	1,765,905		
Total tons of freight carried.....	2,162,720		
Total mileage of through freight.....		62,686,219	
Total mileage of local freight.....		41,760,559	
Total freight mileage, or tons carried one mile.....		104,446,778	
Average ton haul for through freight.....		156.50	
Average ton haul for local freight.....		23.78	
Average ton haul for all freight.....		48.75	
Average amount received for each ton haul.....			\$0 64.809
Average rate per ton per mile, received for through freight.....			00.948
Average rate per ton per mile, received for local freight.....			01.508
Average rate per ton per mile, received for all freight.....			01.539

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	4,926
Flour.....	21,586
Provisions (beef, pork, lard, etc.).....	11,240
Animals.....	1,698
Other agricultural products.....	12,305
Lumber and forest products.....	426,557
Coal.....	64,771
Plaster, lime and cement.....	1,539
Salt.....	413
Petroleum.....	3,523
Railroad iron, iron and steel rails.....	5,065
Pig and bloom iron.....	32,079
Other iron and castings.....	9,487
Ores.....	1,322,297
Stone, brick and sand.....	14,520
Merchandise and other articles not enumerated above.....	73,841
Total forwarded.....	2,007,425

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain.....	18,124	.75
Flour.....	68,112	3.15
Provisions (beef, pork, lard, etc.).....	12,469	.58
Animals.....	2,192	.10
Other agricultural products.....	27,097	1.25
Lumber and forest products.....	491,175	22.71
Coal.....	66,408	3.07
Plaster, lime and cement.....	2,055	.10
Salt.....	413	.02
Petroleum.....	3,557	.16
Railroad iron, iron and steel rails.....	8,527	.39
Pig and bloom iron.....	32,279	1.54
Other iron and castings.....	11,027	.51
Ores.....	1,322,297	61.14
Stone, brick and sand.....	15,305	.71
Merchandise and other articles not enumerated above.....	82,682	3.82
Total tons carried.....	2,162,720	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company. Does a general business. For a tonnage equal to 5,844 pounds carried 410 miles daily, the remuneration is \$1,875.00 per month. Tonnage carried less than 410 miles reduced to that basis. Excess paid at proportionate rate. Contract dated December 15, 1889. Freight is delivered at B. R. Co's depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

212.27 miles owned by D., S. S. & A. R'y.

215.55 miles owned by Western Union Telegraph Co.

Transportation companies.

SLEEPING, DRAWING-ROOM AND PALACE CAR COMPANIES.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Wagner Palace Car Co., New York City, \$9,277.19.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Merchant's Despatch Transportation Co.	335 Broadway, New York City.....	\$294 97
Sioux City Dressed Beef Refrigerator Line.....	Monadnock Building, Chicago, Ill.	96
Blue Line.....	Rochester, N. Y.	1,511 36
Canada Southern Line.....	Rochester, N. Y.	187 05
Peavey Grain Line.....	324 Rialto Building, Chicago, Ill.	64
Hicks Stock Car Co.	The Rookery, Chicago, Ill.	31
Continental Fruit Express Co.	911 Chamber of Commerce, Chicago, Ill.	47
Sun Oil Line.....	Toledo, Ohio.....	131 65
Arms Palace Horse Car Co.	Monadnock Building, Chicago, Ill.	10 25
Railway Car Association.....	The Rookery, Chicago, Ill.	1 43
Erie Despatch.....	21 Cortlandt St., New York City.....	2 50
Union Tank Line.....	26 Broadway, New York City.....	89 51
New York Despatch Refrigerator Line.....	89 State St., Boston, Mass.	20 36
National Despatch Line.....	Chamber of Commerce, Boston, Mass.	129 13
Red Line Transit Co.	298 Main St., Buffalo, N. Y.	68 87
Chicago Refrigerator Car Co.	The Rookery, Chicago, Ill.	188 13
Armour Refrigerator Line.....	Chicago, Ill.	307 70
Morris & Co. Refrigerator Line.....	Union Stock Yards, Chicago, Ill.	126 92
St. Charles Car Co.	St. Charles, Mo.	20
Michigan Salt Association.....	M. St. P. & S. S. M. Ry. Co., Minneapolis, Minn.	7 35
Inter State Coal Car Supply Co.	Buffalo, N. Y.	26
Union Refrigerator Transportation Co.	Commercial Building, St. Louis, Mo.	279 53
Cudahy Milwaukee Refrigerator Line.....	Milwaukee, Wis.	43
Canadian Pacific Despatch.....	197 Washington St., Boston, Mass.	95 22
Cudahy Refrigerator Line.....	South Omaha, Neb.	30 97
Swift's Refrigerator Line.....	Union Stock Yards, Chicago, Ill.	285 29
Provision Dealers' Despatch.....	Royal Insurance Building, Chicago, Ill.	2 10
Empire Oil Line.....	Oil City, Penn.	20
Hammond Refrigerator Co.	Hammond, Ind.	266 00
California Fruit Transportation Co.	The Rookery, Chicago, Ill.	3 91
Anstell Refrigerator Car Co.	Atlanta, Ga.	96
Craig Oil Co.	Toledo, Ohio.....	1 88
Southern Iron Car Co.	Ridge Avenue, Atlanta, Ga.	12 87
Burton Stock Car Co.	The Rookery, Chicago, Ill.	1 25
Complanters' Refining Co.	Warren, Penn.	4 84
Menasha Woodenware Co.	C. & N. W. Ry. Co., Chicago, Ill.	5 61
Eureka Transportation Co.	Minneapolis, Minn.	134 89
Iron Car Express Coal Line.....	Ridge Avenue, Atlanta, Ga.	67
Street's Stable Car Line.....	Western Union Building, Chicago, Ill.	17 85
White Line.....	298 Main St., Buffalo, N. Y.	4 30
American Refrigerator Transportation Co.	Commercial Building, St. Louis, Mo.	10 88
Empire Line.....	233 South 4th St., Philadelphia, Penn.	28 20
Paragon Refining Co.	Toledo, Ohio.....	4 08
Canada Cattle Car Co.	11 Pine St., New York City.....	18 35
Midland Line.....	298 Main St., Buffalo, N. Y.	4 93
Armour Packing Co.	Kansas City, Mo.	221 34
American Tank Line.....	Arcade, Cleveland, Ohio.....	50 35
Anglo-American Refrigerator Co.	Board of Trade Building, Chicago, Ill.	96

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

January 20, T. C. Lawler, section laborer, Withey Junction. Boarding moving train; lack of caution. Inquest not blamed.
 February 17, T. Fassbender, brakeman, Michigamme. Fell between freight cars. Inquest blamed.
 May 1, Geo. Lemon, baggageman, Houghton. Coupling. No inquest.
 May 13, Wm. Golden, brakeman, Houghton. Run over. No inquest.
 July 5, M. Bartholomew, trespasser, Ewen. Asleep under cars; run over. Inquest not blamed.
 December 22, W. J. Turner, engineer, Withey Junction. Jumped from engine account bridge giving way; died from injuries. No inquest.

INJURED.

January 16, Olaf Landin, coal heaver, Thomaston. Coupling cars.
 January 15, Henry Lezette, brakeman, Marquette. Coupling cars.
 January 28, John Moloney, brakeman, Frank's Siding. Coupling cars.
 February 7, A. Jolibois, brakeman, Summit. Coupling cars.
 March 21, A. Ganthier, brakeman, Houghton. Coupling cars.
 April 6, J. C. Boyle, section foreman, Eagle Mills. Fell from hand car.
 April 12, G. Barnabe, brakeman, Bay Mills. Coupling cars.
 May 2, Frank Perrin, baggageman, Bay Mills. Coupling cars.
 May 11, John Donohue, brakeman, Kitchi. Coupling cars.
 May 22, A. Bienville, brakeman, Negaunee. Coupling cars.
 May 22, Will Rouse, messenger boy, Marquette. Jumping from engine and fell.
 May 31, J. K. Brown, car inspector, Thomaston. Boarding engine and slipped; toes crushed.
 June 1, C. G. Strand, section laborer, Negaunee. Train struck hand car and broke leg.
 July 7, Aug. Okali, dockman, Marquette. Fell from car.
 July 8, F. Leroux, brakeman, Ewen. Coupling.
 July 12, C. Sharland, conductor, Negaunee. Boarding train; missed footing.
 July 17, John Foley, laborer, Marquette. Struck by ore pocket door.
 July 19, Robt. Rose, trespasser, Eagle Mills. Boarding a train; missed footing.
 August 5, Thos. Fenlon, brakeman, Shingleton. Coupling.
 August 30, H. Tice, brakeman, Marquette. Jumping off engine and coat caught and threw him.
 September 2, Thos. Smith, brakeman, Munising. Coupling.
 September 23, J. W. Donoghue, brakeman, Marquette. Struck by switch target.
 September 30, M. J. Perkins, brakeman, Soo Junction. Coupling.
 October 6, J. Messier, switchman, Marquette. Fell from engine.
 October 11, C. Norton, brakeman, Newberry. Coupling.
 November 1, N. Lesard, brakeman, Tula Siding. Coupling.
 November 14, D. Vaughn, switchman, Negaunee. Coupling.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passenger.	Employée.	Others.	Passengers.	Employés.	Others.
Coupling cars.....		1			16	
Derailments.....		1				
Falling from trains.....		1				
Getting on and off trains.....		1			5	1
Miscellaneous.....		1			5	
Trespassers on tracks.....			1			
Total.....		5	1		26	1

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	6
Number of persons injured during the year.....	27
Number of casualties purely accidental.....	5
Number resulting from lack of caution, carelessness or misconduct.....	28
Persons killed or injured while intoxicated.....	1
Trespassers and tramps killed or injured.....	2

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

Employees.	Killed.	Injured.	Total.
Baggagemen	1	1	2
Brakemen	2	15	17
Conductors	1	1	1
Engineers	1	1	1
Laborers	1	4	5
Yardmen		2	2
Not classified above		3	3
Total	5	26	31

STATE OF MICHIGAN, }
COUNTY OF MARQUETTE, } ss.

Wm. F. Fitch, general manager, and Robert Toombs, auditor, of the Duluth, South Shore & Atlantic Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition of affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

[L. S. OF R. R.]

W. F. FITCH, General Manager.
ROBERT TOOMBS, Auditor.

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

JOS. WALLACE,
Notary Public.

ANNUAL REPORT
OF THE
FLINT & PERE MARQUETTE RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed May 15, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, WM. W. CRAPO, New Bedford, Mass.
Secretary and Treasurer, H. C. POTTER, JR., Saginaw, E. S., Mich.
Auditor, GILBERT W. LEDLIE, Saginaw, E. S., Mich.
General Manager, W. H. BALDWIN, JR., Saginaw, E. S., Mich.
General Superintendent, WM. F. POTTER, Saginaw, E. S., Mich.
Traffic Manager, A. PATRIARCHE, Saginaw, E. S., Mich.
Chief Engineer, WM. B. SEARS, Saginaw, E. S., Mich.
Superintendent of Telegraph, A. H. FOLLETT, Saginaw, E. S., Mich.
Cashier, T. E. BORDEN, Saginaw, E. S., Mich.
Attorney, HANCHETT, STARK & HANCHETT, Saginaw, E. S., Mich.

DIRECTORS. *

WILLIAM W. CRAPO, New Bedford, Mass.
LOREN SNOW, New Bedford, Mass.
GEORGE COPPELL, New York, N. Y.
J. LEWIS STACKPOLE, Boston, Mass.
F. MORRISON, Boston, Mass.
JOHN W. MACKINTOSH, Boston, Mass.
LEWIS PIERCE, Portland, Me.
HENRY B. STONE, Chicago, Ill.
H. C. POTTER, Saginaw, Mich.
H. C. POTTER, JR., Saginaw, Mich.
W. H. TOUSKY, Bay City, Mich.

Terms expire third Wednesday in May.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: August 31, 1880.
Number of stockholders at date of last election: 1,598.
Number of stockholders in Michigan at same date: 10.
Amount of full paid stock held in Michigan at same date: 464.
Date of annual meeting of stockholders: Third Wednesday in May.
Fiscal year of company ends December 31.
General offices of the company are located at Saginaw, E. S., Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$2,340,174 22
Total expenses, including taxes	\$1,786,220 99	
Net income		\$553,953 23
Interest on funded debt	\$532,344 78	
Interest on unfunded debt.....	22,816 38	
Rentals of buildings, tracks, etc.....		104,230 33
Balance applicable to dividends.....		\$53,022 45
Balance for the year		\$53,022 45
Balance (profit and loss) last year.....		\$2,508 01
Balance forwarded to next year		\$85,530 46

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$10,000,000 00
Par value of shares	\$100 00	
Number of shares issued.....	96,402	
Amount paid in on common		\$3,298,200 00
Amount paid in on preferred		6,342,000 00
Amount on shares not issued, number { Preferred... 1,580 }		359,800 00
Common... 2,018 }		
Total amount, as per books of the company		10,000,000 00
Per mile of road owned by company, 778.64 miles.....		12,925 90

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Holly, Wayne & Monroe	8%	January 1, 1901.....	New York	\$1,000,000 00
F. & P. M. 6's	6%	October 1, 1920.....	New York	3,998,000 00
F. & P. M. 5's	5%	May 1, 1939	New York	1,310,000 00
P. H. & N. W. Div. 5's	5%	April 1, 1939	New York	3,250,000 00
Equipment 5's	5%	\$40,000 annually	Boston	160,000 00
Total funded debt.....				\$10,219,000 00

UNFUNDED DEBT.

Total unfunded debt.....	\$1,163,328 33
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RECAPITULATION.

Total funded debt.....	\$10,219,000 00
Total unfunded debt.....	1,163,328 33
Total debt liabilities.....	\$11,382,328 33
Amount of debt liabilities per mile of road, 778.64 miles.....	14,712 69
Total amount of stock and debt.....	21,382,328 33
Stock and debt per mile of road, 778.64 miles	27,638 00

GENERAL BALANCE SHEET.—Dr.

Construction account.....		\$21,845,499 95
Other investments:		
F. & P. M. steamers, 5.....	\$458,563 74	
Bay City belt line, stock and advances.....	110,377 95	
Fort St. Union Depot Co. stock.....	250,000 00	
		813,941 69
Cash items:		
Cash.....	\$68,990 19	
Due from agents.....	87,546 84	
		156,536 58
Other assets:		
Materials and supplies.....	\$85,015 54	
Debit balances from companies and individuals.....	128,043 16	
F. & P. M. preferred stock unsold.....	158,000 00	
F. & P. M. common stock unsold.....	201,800 00	
		572,857 70
Total.....		\$32,888,835 87

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$10,000,000 00	
Funded debt.....	10,219,000 00	
		\$20,219,000 00
Unfunded debt:		
Interest unpaid, not due.....	\$117,026 64	
Notes payable.....	714,598 09	
Vouchers and accounts.....	331,703 60	
		1,163,328 33
Profit and loss or income accounts.....		1,506,507 54
Total.....		\$32,888,835 87

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$21,845,499 95
Average cost per mile of road, not including sidings, 773.64 miles.....	27,591 00
Proportion of cost for Michigan.....	All

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$50,155 88
Bridge.....	17,181 19
New buildings.....	38,564 88
New cars.....	27,900 00
Total.....	\$123,701 90
Total charges to property account as above.....	\$123,701 90
Property sold and credited.....	9,680 00
Net addition to property account.....	\$114,051 90

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$686,806 28	
Through fares.....	61,565 88	
Total passenger fares.....	\$748,191 66	
Express and baggage.....	39,770 61	
Mails.....	58,720 28	
Other sources.....	13,573 52	
Total passenger department earnings.....	\$960,256 17	
Per train mile.....	\$0 78	
Per mile of road.....	1,085 08	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$1,177,748 43	
Through traffic	302,109 62	
Total traffic	\$1,479,918 05	
Total freight department earnings		\$1,479,918 05
Per train mile	\$1 23	
Per mile of road	1,896 00	
Total transportation earnings		\$3,840,174 22
Transportation earnings per mile of road	\$2,951 63	
Transportation earnings per train mile	1 02	
Total earnings from operation of road		\$2,840,174 22
Total earnings per mile of road	\$2,951 63	
Total earnings per train mile	1 02	
Proportion of taxable earnings for Michigan	2,841,174 22	
Total taxable earnings per mile of road in Michigan	2,951 63	
Income other than from earnings:		
Net steamer earnings, etc.		104,230 83
Total income from all sources		\$2,444,404 35
Proportion of income for Michigan		All

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$320,545 02
Renewals of rails	18,000 00
Renewals of ties	29,839 10
Repairs of bridges, including culverts and cattle guards	28,928 18
Repairs of fences, road crossings and signs	22,749 47
Repairs of buildings	27,397 91
Repairs of shop tools and machinery	1,352 67
Repairs of docks	1,879 06
Boarding cars	920 64
Total	\$346,398 00

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$67,854 42
Repairs of passenger cars	52,796 50
Repairs of freight cars	100,020 83
Locomotive and cars to road department	Credit \$3,856 02
Total	\$226,755 78

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$199,081 03
Water supply	14,878 86
Oil and waste	15,085 20
Locomotive service	197,981 27
Passenger train service	54,634 87
Passenger train supplies	8,410 00
Mileage of cars	Credit \$13,817 99
Freight train service	175,171 42
Freight train supplies	2,363 57
Telegraph expenses (maintenance and operating)	25,366 70
Damages and loss of freight and baggage	3,929 30
Damages to property and cattle	8,330 00
Personal injuries	9,401 52
Agents and station service	287,582 73
Station supplies	13,088 30
Supplies and service to road department	Credit \$9,953 82
Total	\$996,980 96

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$25,984 07
Salaries of clerks in general offices.....	40,856 96
Law expenses.....	10,197 78
Insurance.....	5,096 96
Stationery and printing.....	16,778 96
Outside agencies and advertising.....	19,833 86
Contingencies.....	25,050 36
Track rental and terminals.....	66,817 75
Taxes.....	53,499 21
Engineering.....	1,921 40
Total.....	\$265,586 30

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	19.42	\$246,898 00
Maintenance of motive power and cars.....	13.26	236,755 73
Conducting transportation.....	53.45	995,980 96
General expenses, including taxes.....	14.87	266,586 30
Total operating expenses and taxes.....	100.00	\$1,786,220 99
Operating expenses and taxes per mile of road.....		\$2,252 94
Operating expenses and taxes per train mile run for trains, earning revenue, 2,399,934 miles.....		78
Total proportion of expenses for Michigan.....		1,786,220 99
Percentage of expenses to earnings.....	76.24	
Net earnings per mile of road.....		698 69
Net earnings per train mile.....		24

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
 From Monroe to Ludington, December 1, 1874.
 Manistee Junction to Manistee, June 2, 1882.
 City of Saginaw to City of Saginaw Belt Line, June 16, 1889.
 Port Huron to Sand Beach, September 13, 1880.
 Port Huron to Saginaw, February 23, 1883.
 Port Huron to Almont, October 2, 1882.
 Palms Junction to Port Austin, December 11, 1882.
 Port Austin to Grindstone City, July, 1892.

MAIN LINE.

In Michigan, from Monroe to Ludington.....	Miles. 252.55
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BRANCHES.

	Miles.
Detroit division.....	8.67
Flint River division.....	19.51
Bay City division and branches.....	14.24
Bay City loop line.....	7.02
Crow Island branch.....	1.57
St. Clair division and branches.....	15.84
Saginaw belt.....	9.84
Zilwaukee branch.....	5.84
West Shore branch.....	3.76
Coleman branch.....	19.21
Mt. Pleasant division.....	14.74
Hoyt North and South branches.....	20.50
Harrison division.....	78.98
Star Lake branch.....	17.47
Manistee division and branches.....	31.48
Eastern division.....	90.30
Sand Beach division, 3 foot gauge.....	70.18
Port Austin division, 3 " ".....	39.98
Almont division, 3 foot gauge.....	38.91
Business producing spurs.....	19.21
Total length of branches owned by company.....	516.85
Total length of branches owned by company in Michigan.....	516.85
Total length of road belonging to this company.....	770.40
Total length of road belonging to this company in Michigan.....	770.40
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	166.88
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	937.28

Gauge of track, 4 feet 8½ inches, 787.38 miles.
 Gauge of track, 3 feet, 156.11 miles.

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles. In Michigan.
Detroit terminal, Delray to 18th street, joint	3.24
Detroit terminals, Fort street depot to 18th street	1.96
Plymouth to Bedford, D. L. & N.	11.63
Bay City belt	6.21
Sidings on same	9.90
Total	22.44
Total miles operated by the company	792.84

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	10	623½
Iron bridges	25	3,254½
Combination bridges	9	939
Wooden trestles	-----	16,651½
Total	44	21,468

Draw bridges in Michigan.

How many on your line? 4.

Where located, when built, and length of draw span:

- One at Saginaw, built in 1893, iron, 168 feet.
- One at Saginaw, built in 1893, iron, 142 feet.
- One at South Saginaw, built in 1889, iron, 189 feet.
- One at Port Huron, built in 1892, iron, 170½ feet.

Character of structure:

Pratt truss.

Material of which constructed:

Iron and steel.

Height above water, and depth of water under bridge:

12 to 16 feet.

How swung, by engine or hand power:

Hand power.

Approaches straight or curved:

2 straight, 2 curved.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes, until signaled by hand.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Lake Shore & Michigan Southern at Carleton and Delray.
 Wabash at Romulus and Delray.
 Michigan Central at Saginaw Junction, Vassar, Otter Lake, Saginaw W. S. three times, Bay City twice, and at Delray.
 Detroit, Lansing & Northern at Plymouth.
 Chicago & Grand Trunk at Flint and G. T. Junction, Port Huron.
 Grand Trunk at Port Huron and G. T. Junction, Port Huron.
 Detroit, Grand Haven & Milwaukee at Holly.
 Cincinnati, Saginaw & Mackinaw at Saginaw E. S. and Mershon.
 Toledo, Ann Arbor & North Michigan at Clare.
 Grand Rapids & Indiana at Reed City.
 Manistee & Luther at East Lake.
 Chicago & West Michigan at Baldwin.
 Manistee & Northeastern at Manistee.
 Pontiac, Oxford & Northern at Clifford.
 Midland & Hubbard at Midland.

What railroads cross your road either over or under your grade in this State, and where?

Over—

Manistee & Grand Rapids at Stronach.

Under—

Michigan Central at Springwells and Detroit.

At what crossings are interlocking and derailing switches in operation?

Michigan Central: Mershon, 3 places in Saginaw, 3 in Bay City, 1 at Wayne, 1 at Delray.
 Cincinnati, Saginaw & Mackinaw: 3 places in Saginaw and 1 at Mershon.
 Toledo, Ann Arbor & North Michigan at Clare.
 Chicago & West Michigan at Baldwin.
 Chicago & Grand Trunk and Grand Trunk: Grand Trunk Junction, Port Huron.
 Wabash and Lake Shore & Michigan Southern: Delray.
 Midland & Hubbard: Midland.

What pattern or patterns have you adopted?

We have in use the Union Switch & Signal Co's, Allentown, Gravitt and Johnson Railway Signal Co's machines.

Number of crossings of highways at grade in this State at which there are gates or flagmen... 34

Number of crossings at which there are electric or automatic signals..... 2

What pattern or patterns in use?

O'Neil electric.

Number of crossings of highways over or under railroad [over 3, under 9]..... 12

Number of highway bridges 18 feet above track..... 8

Have safety guards been erected at over-head obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Block and Hart foot guards.

Stations.

Number of stations on whole line..... 140

Same in Michigan 140

Employees.

Number of persons regularly employed on all roads operated by company, including officials 2,288

Same in Michigan..... All

Classify your employes as per following list:

Number.

Baggagemen	27
Brakemen	157
Conductors	85
Engineers	109
Firemen	107
Laborers	717
Shoemen	240
Yardmen	86
Others	740

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you 696

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Midland	3½
Isabella	3
Clare	15
Gladwin	6
Lake	11
Mason	12
Manistee	5
Huron	8½
Sanilac	2½

Total miles required..... 66½

Road bed and track.

Number of track sections in Michigan..... 118

Average lengths of sections, miles..... 5.41

Average number of men in each section gang..... 4

Number of new ties put in whole line during the year..... 197,154

Number of new ties put in track in Michigan..... 197,154

Average number of new ties per mile of road..... 308

New rails put in track,

Steel [tons, 1,610 $\frac{129}{240}$] miles..... 15.29

Bridges and culverts.

Amount of trestle work replaced with earth during the year, linear feet..... 3,143

Timber culverts replaced during the year:

With iron pipe—number..... 2

With sewer pipe—number..... 20

New bridges built during the year:

Location.	Kind.	Material.	Month built.	Feet in length.
Saginaw river	1 fixed span	Iron .....	.....	125
Saginaw river	1 fixed span	Iron .....	.....	108
Saginaw river	1 swing bridge	Iron .....	.....	163
Saginaw river	1 swing bridge	Iron .....	.....	143
Applegate Packs creek	1 trestle	Wood	October	155
Berville	1 trestle	Wood	October	42
Almont	1 trestle	Wood	October	25

ROLLING STOCK.

		Present, esti- Number. mated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	91	\$570,312 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	10	45,125 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2	5,000 00
Total	103	\$620,437 00
Number of passenger cars—12-wheel, including official cars	3	\$22,050 00
Number of passenger cars— 8-wheel, including official cars	92	112,245 00
Number of express and baggage cars	22	14,630 00
Number of box freight cars	1,904	245,524 00
Number of stock cars	43	5,626 00
Number of platform cars	1,227	179,351 00
Number of conductors' way cars	55	10,855 00

Other cars as follows:

Charcoal	64	
Coal	216	
Furniture	74	
Refrigerator	13	
Boarding	6	
Log	99	
Snow plows	7	
Tool cars	3	
Painters	1	
Excavators	2	
Pile driver	1	
Cellar	2	
Derrick	1	
	489	61,655 00
Total	8,735	\$651,436 00

Number of locomotives equipped with power brakes	94
Number of passenger train cars equipped with power brakes	118
What patterns of power brakes have you in use, and number of locomotives and cars with each?	
Passenger cars, Westinghouse, 118; locomotives, Westinghouse 52, steam 42	212
Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1895?	

Yes.

What pattern or patterns have you adopted for use?

Gould pattern.

How are your passenger cars heated?

Baker and Smith hot water systems.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	1,050,496
Miles run by freight trains during the year	1,162,445
Miles run by mixed trains	87,008
Total mileage of trains earning revenue	2,299,934

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	29,434		
Number of local passengers carried	1,192,498		
Total number of passengers carried	1,221,927		
Total passenger mileage		\$1,892,420	
Average distance traveled by each passenger		26	
Average amount received from each passenger			\$0 61
Average rate of fare per mile for through passengers			02.2778
Average rate of fare per mile for local passengers			02.3522
Average rate of fare per mile for all passengers			02.3459

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	289,761		
Number of tons of local freight carried	1,318,739		
Total tons of freight carried	1,608,494		
Total mileage of through freight		56,599,175	
Total mileage of local freight		86,839,556	
Total freight mileage, or tons carried one mile		143,438,731	
Average ton haul for through freight		195	
Average ton haul for local freight		64	
Average ton haul for all freight		82	
Average amount received for each ton haul			\$0 90.5
Average rate per ton per mile, received for through freight			00.534
Average rate per ton per mile, received for local freight			01.356
Average rate per ton per mile, received for all freight			01.082

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	46,003
Flour	17,852
Provisions (beef, pork, lard, etc.)	5,270
Animals	14,863
Other agricultural products	115,595
Lumber and forest products	882,931
Coal	29,442
Plaster, lime and cement	1,787
Salt	60,794
Petroleum	9,243
Pig and bloom iron	11,094
Other iron and castings	
Stone, brick and sand	32,259
Manufactures—articles shipped from point of production	45,461
Merchandise and other articles not enumerated above	132,991
Total forwarded	1,409,485

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	95,963	5.87
Flour	88,461	5.41
Provisions (beef, pork, lard, etc.)	6,382	.40
Animals	15,499	.95
Other agricultural products	127,574	7.81
Lumber and forest products	886,917	54.39
Coal	64,968	3.98
Plaster, lime and cement	2,153	.13
Salt	60,889	3.72
Petroleum	15,652	.96
Pig and bloom iron	13,118	.80
Other iron and castings		
Stone, brick and sand	38,105	2.33
Manufactures—articles shipped from point of production	58,813	3.60
Merchandise and other articles not enumerated above	159,000	9.78
Total tons carried	1,833,494	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company pay \$30,975.00 per annum for tonnage equal to 10,000 pounds. Average haul 23½ miles daily.

General express business. Handles its own freight.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Western Union Telegraph Co., 596.36 miles.

Flint & Pere Marquette R. R. Co., 5 miles.

TRANSPORTATION COMPANIES.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
American Refrigerator Transit Co.	St. Louis, Mo.	386 74
Armour Refrigerator Line	Chicago, Ill.	37 35
Arma Palace Horse Car Co.	Chicago, Ill.	85
Anglo-American Provision Co.	Chicago, Ill.	66
American Tank Line	Titusville, Pa.	3 93
Blue Line	Rochester, N. Y.	8,491 04
Canada Southern Line	Rochester, N. Y.	2,966 87
Chicago Refrigerator Car Co.	Chicago, Ill.	22 45
Canadian Pacific Despatch	Boston, Mass.	12 50
Chicago Car & Coal Co.	Chicago, Ill.	64 67
Canada Cattle Car Co.	New York	74 26
Craig Oil Co.	Toledo, Ohio	3 69
Central Equipment Co.	Terre Haute, Ind.	3 23
Cornplanter Refinery Co.		5 23
Colorado Live Stock Car Co.	Buffalo, N. Y.	2 98
Chicago, New York & Boston Transportation Co.	Chicago, Ill.	91
Continental Fruit Express	Chicago, Ill.	47
Erie Despatch Line	New York	42 50
Empire Line	Philadelphia, Pa.	1,033 53
Eureka Transportation Co.	Minneapolis, Minn.	58 89
Genesee Oil Works		3 23
Great Eastern Line	Buffalo, N. Y.	605 71
Hammond Refrigerator Line	Hammond, Ill.	233 19
Hicks Stock Car Co.	Chicago, Ill.	4 63
Iron Car Express Coal Line	Atlanta, Ga.	8 74
Inter State Coal Car Supply Co.	Buffalo, N. Y.	5 68
J. E. B. Furniture Line	Atlanta, Ga.	12 45
Kansas City Dressed Beef Line	Kansas City, Mo.	6 99
Live Poultry Transportation Co.	Chicago, Ill.	63
Manhattan Oil Co.	Lima, Ohio	15 68
Merchant's Despatch Transportation Co.	New York	3,198 43
Midland Line	Buffalo, N. Y.	37 09
Morris Coal and Transportation Co.	Cleveland, Ohio	18
Mather Horse & Stock Car Co.	Chicago, Ill.	1 42
National Despatch Line	St. Albans, Vt.	846 71
New England Car Co.	Boston, Mass.	39 31
New York Despatch Refrigerator Line	Chicago, Ill.	40 32
Peerless Tank Line	Cleveland, Ohio	1 25
Provision Dealers' Despatch	Chicago, Ill.	50
Paragon Refining Co.	Toledo, Ohio	67 29
Red Line	Buffalo, N. Y.	3,235 91
Rend, W. P. & Co.	Chicago, Ill.	37 20
Rice, Robinson & Fagan	Titusville, Pa.	7 28
Sioux City Dressed Beef Refrigerator Line	Chicago, Ill.	50
Southern Despatch Lumber Line	Louisville, Ky.	3 07
Swift Refrigerator Line	Chicago, Ill.	274 31
St. Charles Car Co.	St. Charles, Mo.	5 80
Sun Oil Line	Toledo, Ohio	88 81
Standard Oil Co.	New York	770 40
Streets' Stable Car Line	Chicago, Ill.	74 23
Southern Iron Car Line	Atlanta, Ga.	13 03
Somers' Coal Co.	Columbus, Ohio	32 70
Peter Schoenhofen Brewery Co.	Chicago, Ill.	4 89
South Eastern Line	Atlanta, Ga.	1 57
Southern Freight Line	Atlanta, Ga.	2 71
Titusville Oil Works	Titusville, Pa.	1 07
Union Refrigerator Line	St. Louis, Mo.	30 86
Valley Oil Co.	Rouseville, Pa.	5 45
White Line	Buffalo, N. Y.	101 23
Wells & Clear	Saginaw, Mich.	14 40
Wicks Bros.	Saginaw, Mich.	2 00

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

February 3, Hiram King, brakeman, Mershon. Crushed while coupling; carelessness.
 March 10, Wm. Carpenter, trespasser, Midland. Fell from train when stealing ride.
 May 2, Wm. Navins, passenger, Saginaw. Attempting to board moving train.
 May 6, Jane Smeltz, Detroit. Struck at crossing.
 June 8, A. J. Dalrymple, brakeman, Coleman. Falling from train; carelessness.
 June 23, John Ortner, trespasser, Wayne. Stealing, and fell under cars.
 June 30, Wm. McIntyre, trespasser, Clio. Struck by train.
 July 24, R. J. Lamphear, trespasser, Cheboyganing. Struck by train; "suicide."
 July 27, Chas. Gibbs, brakeman, Branch. Asleep on track; carelessness.
 October 4, Henry David, trespasser, Fitches. Asleep on track; intoxicated.
 March 15, Minnie Sternhagen, trespasser, Detroit. Struck by engine.

INJURED.

January 13, J. McKensie, trespasser, Flint, climbing over cars.
 January 23, E. McPherson, brakeman, Detroit. Struck by projecting scaffold.
 February 18, P. B. Shafer, brakeman, Fountain. Coupling; carelessness.
 February 21, Clara E. Jacobs, passenger, Vassar. Leg crushed jumping from moving train.
 March 6, Jno. Smith, trespasser, Farwell. Struck by train; carelessness; injury not serious.
 March 24, Geo. J. Baker, brakeman, Stearns. Coupling. Carelessness.
 March 24, J. T. Smith, brakeman, Stearns. Falling from car; leg crushed; carelessness.
 June 6, Jno. Connell, trespasser, Coleman. Walking on track; struck by engine.
 January 12, D. Ribble, brakeman, Bay City. Arm crushed; coupling; carelessness.
 November 17, Jno. Smith, brakeman, Wayne. Hand crushed; coupling; carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars		1			4	
Derailments		1			2	
Falling from trains		1				1
Getting on and off trains	1			1		
Highway crossings			1			
Miscellaneous		1				
Trespassers on trains			2			
Trespassers on tracks			4			2
Total	1	3	7	1	6	3

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year	11
Number of persons injured during the year	10
Number resulting from lack of caution, carelessness, or misconduct	21
Persons killed or injured while intoxicated	1
Trespassers and tramps killed or injured	5
Suicides	1

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakeman	3	6	9

STATE OF MICHIGAN, }
COUNTY OF SAGINAW, } ss.

W. H. Baldwin, Jr., general manager, and Gilbert W. Ledlie, auditor, of the Flint & Pere Marquette Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[I. S. OF R. R.]

Signed,

W. H. BALDWIN, JR., *General manager.*
GILBERT W. LEDLIE, *Auditor.*

Subscribed and sworn to before me this 14th day of May, A. D. 1894.

[L. S.]

EDWIN F. SAUNDERS,
Notary Public in and for Saginaw county, Mich.

ANNUAL REPORT
OF THE
GRAND RAPIDS & INDIANA RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed April 11, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, W. O. HUGHART, Grand Rapids, Mich.

First Vice President and Treasurer, W. B. SHELBY, Grand Rapids, Mich.

Second Vice President and General Manager, J. H. P. HUGHART, Grand Rapids, Mich.

Secretary and Auditor, F. A. GORHAM, Grand Rapids, Mich.

Division Superintendents:

W. B. STIMSON, Northern Division, Grand Rapids, Mich.

P. S. O'ROURKE, Southern Division, Fort Wayne, Ind.

General Passenger and Ticket Agent, C. L. LOCKWOOD, Grand Rapids, Mich.

General Freight Agent, E. C. LEAVENWORTH, Grand Rapids, Mich.

General Counsel, T. J. O'BRIEN, Grand Rapids, Mich.

DIRECTORS.

W. O. HUGHART, Grand Rapids, Mich.

W. R. SHELBY, Grand Rapids, Mich.

J. H. P. HUGHART, Grand Rapids, Mich.

JAMES MCCREA, Pittsburgh, Pa.

J. T. BROOKS, Pittsburgh, Pa.

JNO. E. DAVIDSON, Pittsburgh, Pa.

W. H. BARNES, Philadelphia, Pa.

J. N. HUTCHINSON, Philadelphia, Pa.

CHARLES E. SPUR, Pittsburgh, Pa.

BENJAMIN THAW, Pittsburgh, Pa.

F. B. STOCKBRIDGE, Kalamazoo, Mich.

H. J. HOLLISTER, Grand Rapids, Mich.

J. M. BARNETT, Grand Rapids, Mich.

Terms expire March 6, 1895.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: April 1, 1855.

Number of stockholders at date of last election: 688.

Number of stockholders in Michigan at same date: 264.

Amount of full paid stock held in Michigan at same date: Cannot answer.

Date of annual meeting of stockholders: First Wednesday in March.

Fiscal year of company ends: December 31.

General offices of the company are located at Grand Rapids, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$2,370,455 06
Total expense, including taxes	\$1,980,984 29	
Net income		\$389,590 77
Interest on funded debt	\$569,198 62	
Interest on unfunded debt	78,975 47	
Rentals of buildings, tracks, etc.	42,965 75	
		\$691,139 84
Balance for the year	\$301,549 07	
Balance (profit and loss) last year	737,295 20	
Items not included in above, as follows:		
Construction and equipment expenditures charged to income:		
G. R. & I.	\$87,681 97 }	
M. G. R. & I.	credit 28 52 }	87,658 45
Cost of refunding seven per cent bonds		1,430 47
Old accounts paid		2,000 00
Five per cent coupons funded		1,405,025 00
Interest on funded debt assumed prior to January 1, 1893		53,888 67
One-third loss in sale of Market Transportation Co. steamer "Algolah"		18,383 34
Balance forward to next year		\$2,802,180 20
	\$2,802,180 20	\$2,802,180 20

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$5,000,000 00
Par value of shares	\$100 00
Number of shares issued	49,860
Amount paid in on common	\$4,986,081 22
Total amount paid in, as per books of the company	\$4,986,081 22
Paid in per mile of road owned by company, 439.30 miles	11,350 06

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, October 1, 1869	7%	October 1, 1869	New York	\$985,000 00
First mortgage land grant, October 1, 1869	7%	October 1, 1869	New York	346,000 00
F. M. land grant guaranteed, October 1, 1869	7%	October 1, 1869	New York	2,453,000 00
F. M. guaranteed extended, July 1, 1891	4½%	July 1, 1941	New York	1,641,000 00
Six per cents, August 1, 1884	6%	November 1, 1899	New York	3,000,000 00
Five per cents, September 1, 1884	5%	September 1, 1924	New York	4,625,000 00
Five per cent coupons funded under agreement of May 4, 1893	4%	September 1, 1924	Philadelphia...	1,498,400 00
Total funded debt				\$14,498,400 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For equipment		\$464,850 98
For real estate		302,815 66
For miscellaneous		340,226 99
For current balances, pay rolls, vouchers and coupons		1,459,919 17
Total unfunded debt		\$2,467,813 80

RECAPITULATION.

Total funded debt	\$14,498,400 00
Total unfunded debt	2,487,813 80
Total debt liabilities	\$16,985,713 80
Amount of debt liabilities per mile of road, 459.80 miles	38,619 88
Total amount of stock and debt	21,951,795 02
Stock and debt per mile of road, 459.80 miles	49,089 94

GENERAL BALANCE SHEET.—Dr.

Construction account	}	\$17,376,661 02
Equipment account		
Other investments:		
Capital stock, Muskegon, Grand Rapids & Indiana R. R.	\$980 00	
Capital stock, Grand Rapids, Indiana & Manistee R. R.	1,350 00	
Stock and Investment, Mackinac Island Hotel Co.	42,500 00	
Stock and Investment, Mackinac Transportation Co.	109,841 59	
		154,121 69
Cash items:		
Cash	\$192,026 26	
Bills receivable	4,168 13	
Due from agents	74,545 30	
		270,734 69
Other assets:		
Materials and supplies	\$146,089 83	
Debit balances from companies and individuals	167,010 00	
Six per cent bonds	25,000 00	
Five per cent bonds	879,000 00	
Equipment trusts	859,565 24	
		1,576,614 92
Balance		2,573,662 80
Total		\$21,951,795 02

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$4,986,081 22
Funded debt	14,498,400 00
Unfunded debt:	
Interest unpaid	\$1,039,312 94
Notes payable	800,750 00
Vouchers and accounts	328,072 88
Other liabilities (list as follows):	
Mortgages on real estate	52,816 66
The Philadelphia Trust, Safe, Deposit & Insurance Co. and Wm. H. Barnes trustees	129,476 99
Due other companies	92,583 90
Indebtedness under car and locomotive trusts	464,550 98
	2,467,813 80
Total	\$21,951,795 02

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When received from Construction Co.: December 1, 1878.	
Original cost to present company, of road and equipment	\$10,849,250 00
Amount expended since purchase, account of construction	5,910,704 53
Amount expended since purchase, account of equipment	616,706 49
Total cost to date of report	\$17,376,661 02
Average cost per mile of road, not including sidings	39,555 84
Proportion of cost for Michigan	15,275,876 89

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

All betterment expenditures for year 1893 charged to income.

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Express and baggage.	Mails.	Other sources.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....	\$674,667 00	\$4,304 81	\$679,411 81	\$40,681 07	\$47,779 16	\$15,399 86	\$783,231 89	\$661,439 57	\$0 88	\$1,764 63
<i>Leased or proprietary roads:</i>										
Muskegon, Grand Rapids & Indiana R. R.	17,293 30	32,443 41	49,706 71	3,180 27	3,190 34	1,893 65	57,940 97	57,940 97	83	1,572 35
Traverse City R. R.	9,694 16	10,435 10	20,069 26	2,043 07	1,727 64	-----	23,844 97	23,844 97	54	917 12
Total passenger department earnings	\$701,504 46	\$47,693 32	\$749,187 78	\$45,859 41	\$52,697 14	\$17,293 50	\$865,107 83	\$763,375 51	\$0 86	\$1,732 62

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total traffic.	Other sources, freight department.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.....	\$1,305,610 15	\$65,169 52	\$1,370,769 67	\$10,856 37	\$1,381,626 04	\$1,184,566 06	\$1 49	\$3,067 89
<i>Leased or proprietary roads:</i>								
Muskegon, Grand Rapids & Indiana R. R.	14,917 39	54,423 92	69,341 81	4,106 31	73,446 63	73,446 63	2 98	1,993 12
Traverse City R. R.	20,639 72	7,926 01	28,565 73	233 00	28,798 73	28,798 73	1 41	1,107 64
Total freight department earnings.....	\$1,341,167 26	\$127,509 45	\$1,468,676 71	\$15,194 68	\$1,483,871 39	\$1,286,940 40	\$1 51	\$2,953 04

Total transportation earnings.....	\$2,348,879 22
Transportation earnings per mile of road.....	4,677 65
Transportation earnings per train mile.....	1 18

Miscellaneous receipts from operating account, other than for transportation, as follows:

From telegraph.....	\$19,295 01
From rentals of tracks or terminals.....	7,749 84
From other sources.....	3,429 99
Total.....	\$31,575 84

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

Company.	Total miscellaneous.	Proportion for Michigan.
Main line.....	\$31,050 62	\$19,857 27
Muskegon, Grand Rapids & Indiana R. R.....	210 81	210 81
Traverse City R. R.....	314 41	314 41

Total earnings from operation of road.....	\$2,370,455 08
Total earnings per mile of road.....	4,720 61
Total earnings per train mile.....	1 20
Proportion of taxable earnings for Michigan.....	2,070,498 40
Total taxable earnings per mile of road in Michigan.....	4,610 94
Total income from all sources.....	2,270,455 08
Proportion of income for Michigan.....	2,070,498 40

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$243,157 15
Renewals of rails.....	25,245 14
Renewals of ties.....	88,475 11
Repairs of bridges, including culverts and cattle guards.....	15,446 45
Repairs of fences, road crossings and signs.....	28,990 98
Repairs of buildings.....	48,202 52
Total.....	\$449,517 48

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$166,499 26
Repairs of passenger cars.....	57,055 80
Repairs of freight cars.....	159,296 89
Total.....	\$382,851 95

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$225,451 59
Water supply.....	12,677 28
Oil and waste.....	12,824 73
Locomotive service.....	158,111 85
Passenger train service.....	72,982 28
Passenger train supplies.....	3,178 23
Mileage of passenger cars.....	11,458 33
Freight train service.....	82,898 80
Freight train supplies.....	3,238 90
Mileage of freight cars.....	20,495 14
Telegraph expenses (maintenance and operating).....	39,490 98
Damage and loss of freight and baggage.....	7,322 63
Damages to property and cattle.....	976 89
Personal injuries.....	17,279 38
Agents and station service.....	239,400 07
Station supplies.....	13,908 08
Total.....	\$622,045 08

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$31,074 81
Salaries of clerks in general offices.....	49,089 61
Law expenses.....	10,278 11
Insurance.....	4,278 22
Stationery and printing.....	20,200 77
Outside agencies and advertising.....	15,504 99
Contingencies.....	29,532 43
Taxes.....	66,540 94
Total.....	\$226,449 88

RECAPITULATION OF EXPENSES.

	Percent of expenses.	
Maintenance of way and buildings.....	22.69	\$449,517 43
Maintenance of motive power and cars	19.33	382,851 25
Conducting transportation.....	46.55	922,045 03
General expenses, including taxes.....	11.43	226,449 88
Total operating expenses and taxes.....	100.00	\$1,980,864 29
Operating expenses and taxes per mile of road		\$3,944 77
Operating expenses and taxes per train mile run for trains earning revenue, 1,982,289 miles...		1 00
Proportion of operating expenses and taxes for Michigan, main line	\$1,580,289 78	
<i>Leased or proprietary roads:</i>		
Muskegon, Grand Rapids & Indiana R. R.	187,919 85	
Traverse City R. R.	45,828 83	
Total proportion of expenses for Michigan.....		1,768,538 16
Percentage of expenses to earnings.....	83.56	
Net earnings per mile of road		775 84
Net earnings per train mile.....		20

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Fort Wayne, Indiana, to Mackinaw City, Michigan, July 3, 1882.

BRANCHES.

From Milton Junction, Michigan, to Carey's, Michigan, July 3, 1882.
 From Deer Lake, Michigan, to Raignels, Michigan, 1883.
 From Keweenaw, Michigan, to Harbor Springs, Michigan, February 1, 1882.
 From Missaukee Junction, Michigan, to Jennings, Michigan, 1882.
 From Osceola Junction, Michigan, to Olga, Michigan, 1885.
 From Jennings Junction, Michigan, to Lake City, Michigan, 1890.
 From Big Rapids, Michigan, to Vincent, Michigan, 1890.
 From Bear Lake Junction, Michigan, to Bear Lake, Michigan, 1892.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Indiana state line to Mackinaw City.....	813.49	
In Indiana, from Fort Wayne to Michigan State line.....	56.11	
Total length completed.....		366.59
Length of double track on main line	3.10	

BRANCHES.

Missaukee branch, from Missaukee Junction to Lake City.....	11.59	
Jennings Spur, from Jennings Spur to Jennings.....	8.00	
Manistee branch, from Milton Junction to Carey.....	14.51	
Deer Lake Spur, from Deer Lake to Raignels.....	6.96	
Haak's Spur, from Haak's Spur to Haak's mill.....	4.09	
Osceola branch, from Osceola Junction to Olga.....	9.78	
Harbor Springs branch, from Keweenaw to Harbor Springs.....	5.76	
Ludington branch, from Stimson's Junction to Vincent.....	8.92	
Plaster mill branch, from Bartlett Street Junction to South Grand Rapids.....	3.93	
Bear Lake Spur, from Bear Lake Junction to Bear Lake.....	1.07	
Total length of branches owned by company.....		72.71
Total length of branches owned by company in Michigan	72.71	
Total length of road belonging to this company.....		439.30
Total length of road belonging to this company in Michigan		396.19
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....		110.55
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		496.74
Gauge of track, 4 feet 9 inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles. In Michigan.	
Muskegon, Grand Rapids & Indiana R. R.....	36.85	36.85
Traverse City R. R.....	26.00	26.00
Cincinnati, Richmond & Fort Wayne R. R.....	85.60	
Total.....	148.45	62.85
Total miles operated by the company.....	587.75	449.04

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	8	547.2
Stone bridges.....	1	18.3
Iron bridges.....	20	1,396.5
Combination bridges.....	7	1,085.0
Wooden trestles.....	138	12,541.8
Total.....	174	15,589.8

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

L. S. & M. S. R'y, at Sturgis, Plainwell, Kalamazoo and Grand Rapids.
M. C. R. R., at Wasopi and Kalamazoo.
C. & G. T. R. R., at Vicksburg.
C. & J. M. R. R., at Monteith.
C. & W. M. R. R., at Grand Rapids, Mill Creek, Fruitport Junction, Muskegon and Traverse City.
D. G. H. & M. R. R., at Grand Rapids.
D. L. & N. R. R., at Grand Rapids and Big Rapids.
T. S. & M. R. R., at Cedar Springs.
F. & P. M. R. R., at Reed City.
T. A. A. & N. M. R. R., at Cadillac.
C. & N. E. R. R., at Cadillac.
Smith Lumber Co. R. R., at Kalkaska.
Mancelona & Northwestern R. R., at Mancelona.

What railroads cross your road either over or under your grade in this State, and where?

Over:
D. G. H. & M. R. R., near Kinney.

At what crossings are interlocking and derailing switches in operation?

M. C. R. R., at Wasopi and Kalamazoo.
C. & W. M. R'y, at Grand Rapids and Traverse City.
D. L. & N. R. R., at Grand Rapids.
T. S. & M. R'y, at Cedar Springs.
T. A. A. & N. M. R'y, at Cadillac.
C. & N. E. R. R., at Cadillac.
Smith Lumber Co., at Cadillac.
M. & N. W. R'y, at Mancelona.

What pattern or patterns have you adopted?

Union Switch & Signal Co., Gavitt, Warton, Johnson, Allentown.

Number of crossings of highways at grade in this State.....	580
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	40
Number of crossings at which there are electric or automatic signals.....	2

What pattern or patterns in use?

Pennsylvania Steel Co.

Number of crossings of highways over or under railroad, over, 5; under, 2.....	7
Number of highway bridges, 18 feet above track.....	5

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Wooden blocks.

Stations.

Number of stations on whole line.....	157
Same in Michigan.....	118

Employés.

Number of persons regularly employed on all roads operated by company, including officials	2,727
Same in Michigan	2,161

Classify your employés as per following list:

	Number.
Baggageman	24
Brakemen	141
Conductors	79
Engineers	111
Firemen	117
Laborers	798
Shopmen	329
Yardmen	148
Others	990

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	370
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
Newaygo, Mecosta, Osceola, Lake, Wexford, Missaukee, Grand Traverse and Emmet	66

Road bed and track.

Number of track sections in Michigan	100
Average lengths of sections, miles	4.33
Average number of men in each section gang	3.5
Number of new ties put in whole line during the year	234,957
Number of new ties put in track in Michigan	225,300
Average number of new ties per mile of road	500
New rails put in track:	
Steel, tons, 1,251.3 ; miles	11.3
Total miles of track laid with new rails	11.3

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	236
Timber culverts replaced during the year:	
With iron pipe, number	1
With sewer pipe, number	1
With timber, number	5

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	75	\$487,500 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	6	18,000 00
Total	81	\$505,500 00
Number of passenger cars—12-wheel, including official cars	13	\$99,000 00
Number of passenger cars—8-wheel, including official cars	55	145,000 00
Number of express and baggage cars	24	60,000 00
Number of box freight cars	1,364	409,200 00
Number of stock cars	50	15,000 00
Number of platform cars	1,334	\$32,500 00
Number of ore cars	186	46,500 00
Number of conductors' way cars	47	11,750 00
Other cars as follows:		
Logging cars	20	2,000 00
Snow plows	4	
Tool cars	12	
Derrick cars	2	
Pile driver	1	
Inspection car	1	
	20	10,000 00
Total	3,136	\$1,582,450 00
Number of locomotives equipped with power brakes	81	
Number of passenger train cars equipped with power brakes	93	
Number of freight cars equipped with power brakes	321	

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Westinghouse.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?
Yes.

What pattern or patterns have you adopted for use?
Janney.

How are your passenger cars heated?
Steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	987,479
Miles run by freight trains during the year	937,448
Miles run by mixed trains	57,847
Total mileage of trains earning revenue	1,982,269

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	43,733		
Number of local passengers carried	1,030,091		
Total number of passengers carried	1,073,824		
Total passenger mileage		30,786,976	
Average distance traveled by each passenger		28.54	
Average amount received from each passenger			\$0 69
Average rate of fare per mile for through passengers			02.741
Average rate of fare per mile for local passengers			02.415
Average rate of fare per mile for all passengers			02.433

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	146,511		
Number of tons of local freight carried	1,687,015		
Total tons of freight carried	1,833,526		
Total mileage of through freight		19,124,499	
Total mileage of local freight		145,112,144	
Total freight mileage, or tons carried one mile		164,236,642	
Average ton haul for through freight		130.53	
Average ton haul for local freight		87.05	
Average ton haul for all freight		90.56	
Average amount received for each ton haul			\$0 81
Average rate per ton per mile received for through freight			00.667
Average rate per ton per mile received for local freight			00.924
Average rate per ton per mile received for all freight			00.894

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	29,904
Flour	51,079
Provisions (beef, pork, lard, etc.)	12,096
Animals	6,035
Other agricultural products	83,540
Lumber and forest products	877,934
Coal	30,750
Plaster, lime and cement	21,073
Salt	5,127
Petroleum	11,787
Railroad iron, iron and steel rails	1,641
Pig and bloom iron	29,978
Other iron and castings	28,697
Ores	48,392
Stone, brick and sand	12,118
Manufactures—articles shipped from point of production	33,037
Merchandise and other articles not enumerated above	81,373
Total forwarded	1,365,266

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	44,070	2.43
Flour.....	51,908	2.87
Provisions (beef, pork, lard, etc.).....	12,867	.77
Animals.....	9,056	.50
Other agricultural products.....	93,844	5.17
Lumber and forest products.....	921,801	50.53
Coal.....	125,328	7.08
Plaster, lime and cement.....	26,147	1.44
Salt.....	5,987	.33
Petroleum.....	19,443	1.07
Railroad iron, iron and steel rails.....	2,374	.13
Pig and bloom iron.....	83,936	2.15
Other iron and castings.....	47,201	2.60
Ores.....	43,913	2.42
Stone, brick and sand.....	212,664	11.72
Manufactures—articles shipped from point of production.....	41,595	2.29
Merchandise and other articles not enumerated above.....	113,394	6.20
Total tons carried.....	1,818,526	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

Adams Express Co., 40 per cent of gross earnings, a minimum of \$36,000.00 per year guaranteed. All freight received and delivered at depot.

The above covers all lines operated by this company.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?	Miles.
Telegraph wire belonging to company.....	977.8
Telegraph wire belonging to Grand Rapids Herald Co.....	142
Total.....	1,119.8

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

	Amount paid.
Wagner Palace Car Co., New York; terms, 1½ cents per mile.....	\$5,576 86
Pullman Palace Car Co., Chicago, Ill.; terms, 3 cents per mile.....	4 98

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

January 8, Mrs. A. Anderson, Dewing's Siding. Trespasser.
 February 9, W. H. Brulson, traveling man, Gilbert's Siding. Passenger; rear end collision.
 February 9, Geo. Whiting, brakeman, Gilbert's Siding. Brakeman; rear end collision.
 March 6, W. S. Canthers, brakeman, Howard City. Brakeman; carelessness.
 March 15, Not known, Vicksburg. Intoxicated.
 March 21, O. F. Kemmer, insurance agent, Waterloo St., Grand Rapids. Crossing, accident; lack of caution.
 June 28, Mrs. John Plummer, 1 mile north Manoselona. Crossing, accident; carelessness.
 July 1, E. Hansard, laborer, Fulton St., Grand Rapids. Trespasser.
 August 16, M. Given, Fisher. Supposed to be drunk.
 August 23, M. Sullivan, laborer, near Stargis. Sleeping on track.
 August 28, B. L. Jones, switchman, Cadillac. Carelessness.
 October 31, Pat Mealey, switchman, Grand Rapids. Lack of caution.
 November 25, Ezra Dunton, Rapid River. Trespasser.
 December 2, L. F. Chamberlin, Grand Rapids. Trespasser.

INJURED.

- January 12, C. Eckenrode, switchman, Grand Rapids. Lack of caution; knocked off car.
 January 16, Mrs. M. E. Chapman, Kalamazoo. Trespasser; carelessness.
 January 20, M. Collin, switchman, Grand Rapids. Coupling; carelessness.
 February 6, L. Wall, conductor, Holmes' Siding. Wreck; accidental.
 February 9, H. Chamberlin, conductor, Gilbert's Siding. Rear end collision.
 February 11, Ottis Appleman, brakeman, Monteith. Coupling; carelessness.
 February 25, Geo. McDonald, conductor, Gilbert's Siding. Accidental; brake staff broke.
 March 1, J. D. Griffin, conductor, Mancelona. Accidental.
 March 6, W. McCrumb, brakeman, Cadillac. Coupling; carelessness.
 March 9, P. Parmerly, switchman, Kalamazoo. Coupling; carelessness.
 March 10, Geo. Bosche, in charge of potatoes, Morley. Broken rail; accidental.
 March 10, C. W. Armstrong, in charge of potatoes, Morley. Broken rail; accidental.
 March 13, E. S. Wilcox, car repairer, Mackinaw City. Carelessness.
 March 21, Eddie Van Luren, boy, Carey. Trespasser.
 March 21, J. H. Place, machine hand, shops. Carelessness.
 March 23, H. C. Miner, in charge of stock, Mill Creek. Rear end collision.
 April 4, W. L. Knox, conductor, Cadillac. Accidental.
 April 14, W. Collier, switchman, Grand Rapids. Coupling; carelessness.
 April 14, F. Brinard, switchman, Cadillac. Coupling; carelessness.
 April 14, Thos. Fox, boiler maker, shops. Accidental.
 April 22, J. H. Grannis, blacksmith, shops. Accidental.
 April 27, W. Snelling, brakeman, Mackinaw. Lack of caution; steam coupling fell on head.
 May 2, R. Bridgeman, car repairer, Cadillac. Accidental.
 May 2, J. Reynolds, wiper, G. R. round house. Lack of caution; caught between round house door and engine tender.
 May 4, J. Wierdorf, machinist, shops. Carelessness.
 May 10, H. Benson, switchman, Kalamazoo. Coupling; carelessness.
 May 14, Chas. Walton, farmer, Petoskey. Accidental; horse shied.
 May 14, Mrs. C. Clocking, Petoskey. Accidental; horse shied.
 May 15, Lawrence Jabosky, boy, Grand Rapids. Trespasser; playing on cars, fell under.
 May 17, Wm. McChesney, laborer, Lake City. Trespasser; walking on track.
 May 17, Wm. Frye, fireman, Moline. Struck by stake in car of lumber.
 May 25, C. F. Rhodes, brakeman, Kalamazoo. Coupling; carelessness.
 June 12, D. Gritzer, coach cleaner, Grand Rapids. Accidental.
 June 17, H. Burwell, electric light lineman, Petoskey. Carelessness; crossing.
 June 22, Geo. Anderson, boy, Muskegon. Trespasser; attempted to board train.
 June 23, W. N. Gage, tramp, Sand Lake. Trespasser; jumped from train.
 June 30, E. M. Cornell, brakeman, Big Rapids. Carelessness; coupling.
 July 1, D. H. Gilderaleve, engineer, Traverse City. Lack of caution; accidental.
 July 1, B. Lambert, boy, Grand Rapids. Trespasser; attempted to board engine.
 July 5, Mrs. J. Ringel, washwoman, Petoskey. Trespasser; fell down embankment.
 July 7, G. Snyder, brakeman, Milton Junction. Lack of caution; coupling.
 July 15, L. B. Beecher, brakeman, Milton Junction. Carelessness; coupling.
 July 17, M. Brookman, Grand Rapids. Trespasser; walking on track.
 July 24, G. N. Elliott, brakeman, Grand Rapids. Lack of caution; fell over switch stand.
 July 25, F. Cantile, car repairer, Petoskey. Carelessness; accidental.
 August 3, Miss Mary Kribs, Bay View. Carelessness; struck by dummy car steps.
 August 8, Pearl Bowers, child, near Kingsley. Accidental; on road crossing.
 August 9, C. Braden, conductor, Kelly's Siding. Carelessness; coupling.
 August 11, John Shub, carpenter, shop. Accidental.
 August 15, W. Boughmer, conductor, Petoskey. Lack of caution; coupling.
 August 17, F. Walters, switchman, Cadillac. Lack of caution; fell from top of car.
 August 18, E. O. Armstrong, conductor, Alanson. Coupling; carelessness.
 August 24, J. Campbell, brakeman, Kalkaska. Lack of caution; coupling.
 August 25, B. Barrett, switchman, Grand Rapids. Coupling; carelessness.
 September 4, J. Witkop, fireman, Cadillac. Accidental.
 September 12, J. Scoville, switchman, Cadillac. Coupling; carelessness.
 September 19, J. Chamberlain, switchman, Cadillac. Coupling; carelessness.
 September 19, John Golden, brakeman, Vicksburg. Coupling; carelessness.
 September 29, F. W. Beand, fireman, Dewing's Siding. Accidental; arch pipe bursted.
 October 10, Lady passenger, name unknown, Rockford. Fell over seat; carelessness.
 October 11, A. J. Hesser, brakeman, Rockford. Coupling; carelessness.
 October 20, Wm. Carson, brakeman, Reed City. Train parted and run together; Carson jumped.
 October 27, J. B. Cline, brakeman, Boyne Falls. Coupling; carelessness.
 November 1, Jos. Bader, laborer, Cadillac. Trespasser; stealing ride.
 November 3, D. S. Cowell, station policeman, Grand Rapids. Sprained ankle; lack of caution.
 November 4, R. F. Collins, engineer, Grand Rapids. Lack of caution; squeezed between engine and coal dock.
 November 13, C. Anderson, laborer, Mackinaw. Accidental.
 November 16, Thos. Cullen, brakeman, Mancelona. Fell from train; lack of caution.
 November 17, C. Hall, passenger, Mancelona. Fell from platform of cars; carelessness.
 November 18, B. Neil, laborer, Mackinaw. Carelessness; accidental.
 November 23, F. S. Walters, switchman, Grand Rapids. Coupling; carelessness.
 November 24, C. Swine, brakeman, Petoskey. Coupling; carelessness.
 November 25, J. Whitworth, switchman, Grand Rapids. Coupling; carelessness.
 December 5, F. Wadsworth, fireman, Petoskey. Caught foot in switch budle; carelessness.
 December 8, Geo. Randall, gang boss, shops. Coupling cars; carelessness.
 December 12, F. S. La June, helper, shops. Timber on foot; carelessness.
 December 12, J. C. Logan, brakeman, Sturgis. Fell from box car.
 December 31, A. Sheppa, laborer, Reed City } Work train men transferring car telegraph poles, wire
 December 31, F. Losch, " " " } broke and poles and men fell to ground; accidental.
 December 31, C. Collins, " " " }

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Collisions.....	1	1		1	2	
Coupling cars.....		3			25	
Deraillments.....				2	1	
Falling from trains.....				1	4	
Frogs.....					1	
Getting on and off trains.....						3
Highway crossings.....			2			4
Miscellaneous.....				1	25	1
Trespassers on trains.....						2
Trespassers on tracks.....			7			6
Total.....	1	4	9	5	59	16

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	14
Number of persons injured during the year.....	80
Number of casualties purely accidental.....	20
Number resulting from lack of caution, carelessness, or misconduct.....	56
Persons killed or injured while intoxicated.....	2
Trespassers and tramps killed or injured.....	16

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....	2	16	18
Conductors.....		8	8
Engineers.....		2	2
Firemen.....		3	3
Laborers.....	2	7	9
Shopmen.....		12	12
Yardmen.....	2	12	14
Not classified above.....	8	20	28
Total.....	14	80	94

STATE OF MICHIGAN, } ss.
COUNTY OF KENT, }

W. R. Shelby, vice president, and F. A. Gorham, secretary, of the Grand Rapids & Indiana Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

W. R. SHELBY, Vice President.

F. A. GORHAM, Secretary.

Subscribed and sworn to before me this 10th day of April, A. D. 1894.

[L. S.]

R. R. METEANY.

Notary Public in and for Kent Co., Michigan.

ANNUAL REPORT
OF THE
MUSKEGON, GRAND RAPIDS & INDIANA RAILROAD
COMPANY.

For the year ending December 31, 1893.

[Filed May 23, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, W. O. HUGHART, Grand Rapids, Mich.
Secretary, F. A. GORHAM, Grand Rapids, Mich.
Treasurer, W. R. SHELBY, Grand Rapids, Mich.
Transfer agent, F. A. GORHAM, Sec., Grand Rapids, Mich.

DIRECTORS.

W. O. HUGHART, Grand Rapids, Mich.
W. R. SHELBY, Grand Rapids, Mich.
J. H. P. HUGHART, Grand Rapids, Mich.
T. J. O'BRIEN, Grand Rapids, Mich.
F. A. GORHAM, Grand Rapids, Mich.
L. N. KEATING, Muskegon, Mich.
N. MCGRAFT, Muskegon, Mich.
Terms expire March 6, 1895.

STOCKHOLDERS, STOCK AND GENERAL OFFICERS.

When articles of association filed: February 12, 1896.
Number of stockholders at date of last election: Seven.
Number of stockholders in Michigan at same date: Seven.
Amount of full paid stock held in Michigan at same date: \$1,000.
Date of annual meeting of stockholders: First Wednesday in March.
Fiscal year of company ends December 31.
General offices of the company are located at Grand Rapids, Mich.

REMARKS.

Leased to Grand Rapids & Indiana Railroad Company for 99 years; terms, net earnings guaranteed to be equal to interest on bonds.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$350,000 00
Par value of shares	\$100 00	
Amount paid in on shares not issued—number, 200	\$1,000 00	
Total amount paid in, as per books of the company		1,000 00
Paid in per mile of road owned by company		27 14

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, June 9, 1886.....	5%	July 1, 1926.....	New York, N. Y..	\$750,000 00
Total funded debt.....				\$750,000 00

These bonds are issued by the Grand Rapids & Indiana Railroad Company and are secured by a first mortgage on the railroad and property of the Muskegon, Grand Rapids & Indiana Railroad Company.

UNFUNDED DEBT.

Coupons, including \$18,750 due January 1, 1894. To be paid.....	\$18,990 00
Current balances.....	9,833 31
Total unfunded debt.....	\$28,283 31

RECAPITULATION.

Total funded debt.....	\$750,000 00
Total unfunded debt.....	28,283 31
Total debt liabilities.....	\$778,283 31
Amount of debt liabilities per mile of road, 36.85 miles.....	21,118 95
Total amount of stock and debt.....	\$779,233 31
Stock and debt per mile of road.....	21,148 09

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$37,500 00
Was it paid for the last year?	
Not for last 6 months of year.	
If interest is in default state the years and amounts as follows:	
Six months interest due January 1, 1894.....	18,750 00

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$746,978 21
Average cost of construction per mile of road (not including sidings), 36.85 miles.....	20,270 78
Proportion of cost of construction for Michigan.....	746,978 21

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
December 1, 1886.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan.....	36.85	
Total length completed.....		36.85
Total length of road belonging to this company.....		36.85
Total length of road belonging to this company in Michigan.....	36.85	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		8.26
Same in Michigan.....	8.26	
Aggregate length of tracks belonging to this company, computed as single track.....		45.11
Same in Michigan.....		45.11
Gauge of track, 4 feet 9 inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF KENT, }

N. McGraft, vice president, and F. A. Gorham, secretary, of the Muskegon, Grand Rapids & Indiana Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained, of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. E.]

Signed,

N. MCGRAFT, *Vice President*,
F. A. GORHAM, *Secretary*.

Subscribed and sworn to before me by N. McGraft, vice president, this 25th day of May, A. D. 1894.

W. B. McLAUGHLIN,

Notary Public.

Subscribed and sworn to before me by F. A. Gorham, secretary, this 15th day of June, 1894.

E. R. MERTHEANT,

Notary Public in and for Kent Co., Michigan.

[L. S.]

ANNUAL REPORT
OF THE
TRAVERSE CITY RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 7, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, PERRY HANNAH, Traverse City, Mich.
Secretary, F. A. GORHAM, Grand Rapids, Mich.
Treasurer, F. A. GORHAM, Grand Rapids, Mich.
Transfer agent, F. A. GORHAM, Grand Rapids, Mich.

DIRECTORS.

PERRY HANNAH, Traverse City, Mich.
W. H. C. MITCHELL, Traverse City, Mich.
THOS. T. BATES, Traverse City, Mich.
D. C. LEACH, Traverse City, Mich.
W. O. HUGHART, Grand Rapids, Mich.
W. B. SHELBY, Grand Rapids, Mich.
J. H. P. HUGHART, Grand Rapids, Mich.
Terms expire May 3, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When articles of association filed: October 30, 1871.
Number of stockholders at date of last election: 73.
Number of stockholders in Michigan at same date: 72.
Amount of full paid stock held in Michigan at same date: \$35,400.00.
Date of annual meeting of stockholders: Thursday after first Wednesday in May.
Fiscal year of company ends December 31.
General offices of the company are located at Traverse City, Mich.

REMARKS.

Leased to Grand Rapids & Indiana Railroad Company for 50 years from January 1, 1888, rental net earnings guaranteed to be not less than interest on first mortgage bonds or \$7,500.00 per year.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$205,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Amount paid in on common		\$205,000 00
Total amount paid in, as per books of the company		\$205,000 00
Paid in per mile of road owned by company, 25 miles		7,884 62

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, January 1, 1883	¾% Not to exceed 5%	Jan. 1, 1933...	New York	\$250,000 00
Income, January 1, 1883		Jan. 1, 1933...	New York	190,000 00
Total funded debt				\$440,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For miscellaneous	Coupons due January 1, 1894. To be paid.....	\$3,750 00
For current balances.....		1,568 61
Total unfunded debt		\$5,318 61

RECAPITULATION.

Total funded debt	\$440,000 00
Total unfunded debt	5,318 61
Total debt liabilities	\$445,318 61
Amount of debt liabilities per mile of road, 26 miles	17,127 64
Total amount of stock and debt	\$50,818 61
Stock and debt per mile of road	25,012 26

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$7,500 00
Was it paid for the last year?	
Yes.	
If interest is in default state the years and amounts as follows:	
None.	

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$646,268 15
Average cost of construction per mile of road (not including sidings), 26 miles	24,856 47
Proportion of cost of construction for Michigan	646,268 15

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
December 1, 1872.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	26	
Total length completed		26
Total length of road belonging to this company	26	
Total length of road belonging to this company in Michigan	26	
Aggregate length of sidings, spurs and other tracks not above enumerated		4
Same in Michigan	4	
Aggregate length of tracks belonging to this company, computed as single track		30
Same in Michigan		30
Gauge of track, 4 feet 9 inches.		

STATE OF MICHIGAN, }
COUNTY OF GRAND TRAVERSE, } ss.

Perry Hannah, president, and F. A. Gorham, secretary, of the Traverse City Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1894, to the best of their knowledge and belief.

Signed,

[L. S. OF P. R.]

PERRY HANNAH, *President.*
F. A. GORHAM, *Secretary.*

Subscribed and sworn to before me this third day of May, A. D. 1894.

[L. S.]

GEO. W. HALL,
Notary Public

ANNUAL REPORT

OF THE

HANCOCK & CALUMET RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 5, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, V. B. COCHRAN, Marquette.
Vice President, A. B. ELDRIDGE, Marquette.
Secretary, A. E. MILLER, Marquette.
Auditor, ROBERT TOOMBS, Marquette.
Treasurer, E. W. ALLEN, Marquette.
General Manager, W. F. FITCH, Marquette.
Superintendent, J. C. SHIELDS, Hancock.
Ass't Secretary and Ass't Treasurer, GEO. H. CHURCH, New York City.
General Passenger Agent, G. W. HIBBARD, Marquette.
General Freight Agent, WM. ORR, Duluth.
Attorney, A. B. ELDRIDGE, Marquette.

DIRECTORS.

ALBERT S. BIGELOW, Boston, Mass.
 JOHN DANIELL, Opechee, Mich.
 A. B. ELDRIDGE, Marquette, Mich.
 V. B. COCHRAN, Marquette, Mich.
 C. H. CALL, Marquette, Mich.
 A. E. MILLER, Marquette, Mich.
 Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: January 14, 1885.
 Number of stockholders at date of last election: 10.
 Number of stockholders in Michigan at same date: 10.
 Amount of full paid stock held in Michigan at same date: 1,006 shares.
 Date of annual meeting of stockholders: Second Tuesday in July.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Marquette, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$187,276 85
Total expenses, including taxes.....	\$138,844 11	
Net income.....		\$48,432 24
Interest on funded debt.....	\$16,500 00	
Interest on unfunded debt.....	624 86	
		17,124 86
Balance applicable to dividends.....		\$36,307 88
Balance for the year.....		\$86,307 88
Balance (profit and loss) last year.....		158,414 95
Balance forward to next year.....		\$189,722 83

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....			\$350,000 00
Par value of shares.....		\$100 00	
Number of shares issued.....	3,500		
Amount paid in on common.....		\$850,000 00	
Total amount paid in, as per books of the company.....			350,000 00
Paid in per mile of road owned by company, miles, 30.54			11,460 38

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Consol mortgage.....	5%.....	1931.....	New York	\$400,000 00
Total funded debt.....				\$400,000 00

RECAPITULATION.

Total funded debt	\$400,000 00
Total debt liabilities	\$400,000 00
Amount of debt liabilities per mile of road, 30.54 miles.....	13,097 58
Total amount of stock and debt.....	\$750,000 00
Stock and debt per mile of road, 30.54 miles	24,557 96

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$685,749 00
Equipment account.....	147,859 02
	\$833,608 02
Other investments:	
H. & C. 5 bonds.....	\$70,000 00
	70,000 00
Cash items:	
Cash	\$9,590 21
	9,590 21
Other assets:	
Materials and supplies.....	\$11,363 50
Debit balances from companies and individuals.....	15,216 10
	26,580 60
Total.....	\$939,722 83

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$350,000 00
Funded debt	400,000 00
Profit and loss or income accounts.....	189,722 83
Total.....	\$939,722 83

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$833,608 02
Average cost per mile of road, not including sidings, 21.61 miles	\$3,575 10
Proportion of cost for Michigan.....	\$33,608 02

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Lands, extensions and new sidings.....	\$765 23
Total.....	\$765 23
Total charges to property account as above.....	765 23
Net addition to property account.....	765 23

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$16,257 01	
Express and baggage.....	819 99	
Mails.....	643 92	
Total passenger department earnings.....		\$17,220 92
Proportion for Michigan.....	\$17,220 92	
Per train mile.....	1 13	
Per mile of road.....	583 88	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$169,524 43	
Total freight department earnings.....		169,524 43
Proportion for Michigan.....	\$169,524 43	
Per train mile.....	1 25	
Per mile of road.....	5,550 90	
Total transportation earnings.....		\$186,745 35
Transportation earnings per mile of road.....		\$6,114 78
Transportation earnings per train mile.....		1 24
Total earnings from operation of road.....		186,745 35
Total earnings per mile of road.....		6,114 78
Total earnings per train mile.....		1 24
Proportion of taxable earnings for Michigan.....		186,745 35
Total taxable earnings per mile of road in Michigan.....		6,114 78
Income other than from earnings.....		531 00
Total income from all sources.....		187,276 35
Proportion of income for Michigan.....		187,276 35

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$21,892 69
Renewals of ties.....	7,884 07
Repairs of bridges, including culverts and cattle guards.....	779 90
Repairs of fences, road crossings and signs.....	531 78
Repairs of buildings.....	1,656 10
Total.....	\$32,764 54

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$6,489 91
Repairs of passenger cars.....	2,040 51
Repairs of freight cars.....	11,709 36
Total.....	\$20,239 78

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$17,018 87
Water supply.....	806 90
Oil and waste.....	1,341 69
Locomotive service.....	14,307 84
Passenger train service.....	1,311 27
Passenger train supplies.....	161 24
Freight train service.....	11,201 39
Freight train supplies.....	822 49
Telegraph expenses (maintenance and operating).....	317 30
Damage and loss of freight and baggage.....	214 79
Damage to property and cattle.....	
Agents and station service.....	10,857 76
Station supplies.....	749 53
Total.....	\$59,205 47

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$4,902 83
Salaries of clerks in general offices.....	962 91
Law expenses.....	211 26
Insurance.....	803 15
Stationery and printing.....	818 16
Outside agencies and advertising.....	86 44
Contingencies.....	8,086 31
Taxes.....	5,213 46
Total.....	<u>\$21,684 32</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	24 43	\$32,764 54
Maintenance of motive power and cars.....	15.18	20,239 78
Conducting transportation.....	44.23	59,205 47
General expenses, including taxes.....	16.16	21,684 32
Total operating expenses and taxes.....	100.00	\$133,844 11
Operating expenses and taxes per mile of road.....	\$4,882 58	
Operating expenses and taxes per train mile run for trains, earning revenue, 150,402 miles.....	89	
Proportion of operating expenses and taxes for Michigan, main line.....		133,844 11
Percentage of expenses to earnings.....	71¼%	
Net earnings per mile of road.....		1,749 58
Net earnings per train mile.....		<u>85¼</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Hancock to Calumet, December 1, 1885.
 From Junction to Lake Linden, December 1, 1885.
 From Calumet to Allouez, March 12, 1887.
 From Allouez to Fulton, October 28, 1891.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Hancock to Fulton.....	21.12	
Total length completed.....		21.12

BRANCHES.

Lake Linden, from Junction to Lake Linden.....	2.51	
North Tamarack Branch, from Tamarack Mine to North Tamarack Mine.....	1.87	
Tamarack Jr. Branch, from Main Line to Tamarack Jr. Mine.....	.86	
Kearsarge Branch, from Main Line to Kearsarge.....	.85	
Bollman's Branch, from Clarks to end.....	3.50	
Total length of branches owned by company.....		9.19
Total length of branches owned by company in Michigan.....	9.19	
Total length of road belonging to this company.....		30.31
Total length of road belonging to this company in Michigan.....	30.31	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	9.25	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		<u>39.56</u>
Gauge of track, 8 feet.		

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles.	In Michigan.
Mineral Range R. R. at Hancock.....		
From passenger depot to H. & C. connection at smelting works.....	23.00	23.00
Total miles operated by the company.....	<u>30.54</u>	<u>30.54</u>

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Iron bridges.....	8	560
Wooden trestles.....	17	4,480
Total.....	20	5,010

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Mineral Range R. R. at Osceola.
Hecla & Torch Lake R. R. at Calumet.

At what crossings are interlocking and derailing switches in operation?
Osceola.

What pattern or patterns have you adopted?
Penn. Steel Co.

Number of crossings of highways at grade in this State..... 12

Number of crossings of highways over or under railroad?..... 1

Over..... 1

Number of highway bridges, less than 18 feet above track..... 1

Have safety guards been erected at overhead obstructions?
Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?
Yes.

How are they treated?
Filled in with wooden blocks.

Stations.

Number of stations on whole line..... 6

Same in Michigan..... 6

Employés.

Number of persons regularly employed on all roads operated by company, including officials..... 98

Same in Michigan..... 98

Classify your employés as per following list:

	Number.
Brakemen.....	12
Conductors.....	5
Engineers.....	7
Firemen.....	7
Laborers.....	89
Shopmen.....	8
Yardmen.....	1
Others.....	14

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you..... 6.50

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Houghton county.....	50.58
Keewauaw county.....	4.00
Total miles required.....	54.58

Road bed and track.

Number of track sections in Michigan.....	6
Average lengths of sections, miles.....	5
Average number of men in each section gang.....	4
Number of new ties put in whole line during the year.....	27,896
Number of new ties put in track in Michigan.....	27,896
Average number of new ties per mile of road.....	913

ROLLING STOCK.

	Number.	Present esti- mated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	7	\$54,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	1	5,000 00
Total.....	8	\$61,000 00
Number of passenger cars—8-wheel including official cars.....	4	\$12,000 00
Number of box freight cars.....	16	4,800 00
Number of platform cars.....	123	30,750 00
Number of ore cars.....	113	42,375 00
Number of conductors' way cars.....	1	500 00
Total.....	257	\$151,425 00
Number of locomotives equipped with power brakes.....		5
Number of passenger train cars equipped with power brakes.....		4

What patterns of power brakes have you in use, and number of locomotives and cars with each?

One locomotive, Westinghouse Air Brake.

Five locomotives, American Brake Co. Vacuum Brake.

Four passenger cars, Westinghouse.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Janney.

How are your passenger cars heated?

Baker hot water heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	11,720
Miles run by freight trains during the year.....	124,392
Miles run by mixed trains.....	13,790
Total mileage of trains earning revenue.....	150,402

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried.....	68,818		
Total number of passengers carried.....	68,818		
Total passenger mileage.....	429,394		
Average distance traveled by each passenger.....		6.2400	
Average amount received from each passenger.....			\$0 24.00
Average rate of fare per mile for local passengers.....			03.79
Average rate of fare per mile for all passengers.....			03.79

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried.....	977,394		
Total tons of freight carried.....	977,394		
Total mileage of local freight.....	7,756,817		
Total freight mileage, or tons carried one mile.....	7,756,817		
Average ton haul for local freight.....		7.9400	
Average ton haul for all freight.....		7.9400	
Average amount received for each ton haul.....			\$1 73
Average rate per ton per mile, received for local freight.....			02.19
Average rate per ton per mile received for all freight.....			02.19

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	1,277
Flour.....	752
Provisions (beef, pork, lard, etc.).....	1,585
Other agricultural products.....	1,383
Lumber and forest products.....	210,891
Coal.....	22,549
Copper.....	22,592
Ores.....	707,749
Manufactures—articles shipped from point of production.....	2,523
Merchandise and other articles not enumerated above.....	6,308
Total forwarded.....	977,394

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain.....	1,257	.129
Flour.....	752	.077
Provisions (beef, pork, lard, etc.).....	1,585	.162
Other agricultural products.....	1,383	.142
Lumber and forest products.....	210,391	21.526
Coal.....	22,549	2.307
Copper.....	22,592	2.311
Orss.....	707,749	72.412
Manufactures—articles shipped from point of production.....	2,323	.239
Merchandise and other articles not enumerated above.....	6,308	.645
Total tons carried.....	977,394	100.000

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express pays 25 cents per 100 pounds. Deliveries made at R. R. Co's. depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Ten miles, belongs to Mineral Range R. R.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

June 20, J. Unsworth, child, Calumet. Playing under cars, not seen and run over.

INJURED.

January 28, H. Huddleston, conductor, Osceola. Coupling.

June 23, Frank Pelkey, brakeman, Osceola. Coupling.

December 7, H. Huddleston, conductor, Tamarack. Coupling.

December 9, Alex McLean, brakeman, Mill. Placing king bolt blocking slipped and caught finger.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					3	
Miscellaneous.....					1	
Trespassers on tracks.....			1			
Total.....			1		4	

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		2	2
Conductors.....		2	2
Total.....		4	4

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	1
Number of persons injured during the year.....	4
Number resulting from lack of caution, carelessness, or misconduct.....	5

STATE OF MICHIGAN, }
COUNTY OF MARQUETTE, } ss.

Wm. F. Fitch, general manager, and Robert Toombs, auditor, of the Hancock & Calumet Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to the best of their knowledge and belief.

[L. S. OF R. E.]

Signed,

W. F. FITCH, *General Manager*.
ROBERT TOOMBS, *Auditor*.

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

JOS. WALLACE,
Notary Public.

ANNUAL REPORT.
OF THE
INDIANA & LAKE MICHIGAN RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed May 9, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JNO. G. WILLIAMS, Terre Haute, Ind.
Secretary, GEO. E. FARRINGTON, Terre Haute, Ind.
Treasurer, GEO. E. FARRINGTON, Terre Haute, Ind.

DIRECTORS.

W. B. MCKEN, Terre Haute, Ind.
JNO. G. WILLIAMS, Terre Haute, Ind.
D. W. MINSHALL, Terre Haute, Ind.
BERRY MCKEN, Terre Haute, Ind.
GEO. E. FARRINGTON, Terre Haute, Ind.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 30, 1888.
Number of stockholders at date of last election: 5.
Number of stockholders in Michigan at same date: None.
Amount of full paid stock held in Michigan at same date: None.
Date of annual meeting of stockholders: Second Wednesday in December.
Fiscal year of company ends: October 31.
General offices of the company are located at Terre Haute, Ind.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income, 25% of total earnings.....		\$13,380 04
Total expenses, including taxes.....	\$10,899 20	
Net income.....		\$2,480 84
Interest on funded debt.....	\$24,000 00	
Balance for the year.....	\$21,019 16	
Balance (profit and loss) last year.....	192,068 45	
Balance forward to next year.....	\$213,087 61	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$300,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	8,000	
Amount paid in on common: Issued for construction.....		

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds.....	5%	Sept. 1, 1989	Central Trust Co. of New York.....	\$480,000 00
Total funded debt.....				\$480,000 00

UNFUNDED DEBT.

For what incurred.	Amount.
For construction.....	\$159,428 70
For real estate.....	48,779 85
For miscellaneous.....	4,879 06
Total unfunded debt.....	\$213,087 61

RECAPITULATION.

Total funded debt.....	\$480,000 00
Total unfunded debt.....	213,087 61
Total debt liabilities.....	\$693,087 61
Amount of debt liabilities per mile of road, 39.29 miles.....	\$17,643 08
Total amount of stock and debt.....	1,483,087 61
Stock and debt per mile of road, 39.29 miles.....	88,001 72

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$688,208 55
Balance.....	804,879 06
Total.....	\$1,493,087 61

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$900,000 00
Funded debt.....	480,000 00
Unfunded debt:	
Vouchers and accounts.....	213,087 61
Total.....	\$1,493,087 61

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: January 6, 1890.	
Original cost to present company, of road and equipment.....	\$480,000 00
Amount expended since purchase, account of construction.....	208,208 55
Total cost to date of report.....	\$688,208 55
Average cost per mile of road (not including sidings).....	17,516 12
Proportion of cost for Michigan.....	438,778 93

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Grading.....	\$7,443 67
Total.....	\$7,443 67
Total charges to property account as above.....	7,443 67
Net addition to property account.....	7,443 67

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:

Local fares.....	\$3,694 69	
Through fares.....	8,461 29	
Total passenger fares.....	\$12,145 98	
Express and baggage.....	3,413 75	
Mails.....	8,073 60	
Total passenger department earnings.....		\$18,632 33
Proportion for Michigan.....	\$11,879 36	
Per mile of road.....	474 23	

FREIGHT EARNINGS.

Main line and branches:

Local traffic.....	\$11,974 81	
Through traffic.....	22,913 04	
Total freight department earnings.....		\$4,887 85
Proportion for Michigan.....	\$23,243 34	
Per mile of road.....	887 96	
Total transportation earnings.....		\$53,520 18
Transportation earnings per mile of road.....	\$1,362 18	
Total earnings from operation of road.....		53,520 18
Total earnings per mile of road.....		1,362 18
Total earnings per train mile.....		84
Proportion of taxable earnings for Michigan.....		34,122 61
Total taxable earnings per mile of road in Michigan.....		1,362 18
Total income from all sources.....		53,520 18
Proportion of income for Michigan.....		34,122 61

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$13,811 08
Renewals of rails.....	288 51
Repairs of bridges, including culverts and cattle guards.....	240 96
Repairs of fences, road crossings and signs.....	33 66
Repairs of buildings.....	1,519 90
Total.....	\$15,894 06

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$4,237 52
Repairs of passenger cars.....	234 06
Repairs of freight cars.....	8,009 89
Total.....	\$7,471 47

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$3,856 15
Water supply.....	497 73
Oil and waste.....	575 43
Locomotive service.....	6,621 16
Passenger train service.....	2,266 13
Passenger train supplies.....	24 06
Mileage of passenger cars.....	2,707 20
Freight train service.....	2,608 90
Freight train supplies.....	81 29
Mileage of freight cars.....	1,197 16
Telegraph expenses (maintenance and operating).....	1,284 86
Damage and loss of freight and baggage.....	43 44
Damage to property and cattle.....	107 60
Agents and station service.....	10,162 74
Station supplies.....	811 66
Total.....	\$32,830 51

GENERAL EXPENSES.

Law expenses.....	\$47 84
Insurance.....	108 75
Stationery and printing.....	250 02
Outside agencies and advertising.....	292 80
Contingencies.....	111 11
Total.....	\$808 02

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$15,994 05
Maintenance of motive power and cars.....	7,471 47
Conducting transportation.....	82,820 51
General expenses, including taxes.....	808 02
Total operating expenses and taxes.....	\$86,994 05
Operating expenses and taxes per miles of road.....	\$1,450 80
Operating expenses and taxes per train mile run for trains earning revenue, 69,675 miles.....	89
Proportion of operating expenses and taxes for Michigan, main line.....	36,337 51
Percentage of expenses to earnings.....	106.49

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From South Bend, Ind., to St. Joseph, Mich., August 4, 1890.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Indiana state line to St. Joseph.....	25.05	
In Indiana, from state line to South Bend.....	14.24	
Total length completed.....	39.29	
Total length of road belonging to this company.....		39.29
Total length of road belonging to this company in Michigan.....	25.05	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	4.10	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		29.15
Gauge of track, 4 feet, 9 inches.....		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden trestles.....	23	1,918

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

C. & G. T. at Olivers, Ind.
L. S. & M. S. at Rugby, Ind.

What railroads cross your road either over or under your grade in this State, and where?

Over—
Michigan Central at Gallien.

At what crossings are interlocking and derailing switches in operation?

C. & G. T. at Olivers.
L. S. & M. S. at Rugby.

What pattern or patterns have you adopted?

Union Switch & Signal Co., and National.

Number of crossings of highways at grade in this State: 24.

Number of crossings of highways over or under railroad, over 4.

Number of highway bridges, 18 feet above track: 4.

Have safety guards been erected at overhead obstructions: Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884: Not all blocked.

Stations.

Number of stations on whole line	10
Same in Michigan	8

Employees.

Number of persons regularly employed on all roads operated by company, including officials	39
--	----

Classify your employees as per following list:

	Number.
Baggagemen	2
Brakemen	2
Conductors	2
Engineers	2
Firemen	16
Laborers	4
Shopmen	5
Yardmen	4
Others	4

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	45.08
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
Miles not built	45.08
Not fenced account agreement with land owners	3.17
Not fenced through towns and yards	1.85
Total miles required	50.10

Road bed and track.

Number of track sections in Michigan	5
Average lengths of sections (miles)	5
Average number of men in each section gang	3
Number of new ties put in whole line during the year	896
Number of new ties put in track in Michigan	886
New rails put in track:	
Steel (tons 30, 3,072 lbs.)	
Total miles of track laid with new rails .....	.38

ROLLING STOCK.

How are your passenger cars heated?
Stoves; coal.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	34,921
Miles run by freight trains during the year	23,754
Total mileage of trains earning revenue	63,675

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	6,512		
Number of local passengers carried	14,338		
Total number of passengers carried	21,400		
Total passenger mileage		576,612	
Average distance traveled by each passenger		27	
Average amount received from each passenger			\$0 57
Average rate of fare per mile for through passengers			01.438
Average rate of fare per mile for local passengers			02.585
Average rate of fare per mile for all passengers			03.106

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	57,650		
Number of tons of local freight carried	28,603		
Total tons of freight carried	86,253		
Total mileage of through freight.....		2,059,610	
Total mileage of local freight.....		842,079	
Total freight mileage, or tons carried one mile		2,901,689	
Average ton haul for through freight.....		36	
Average ton haul for local freight		29	
Average ton haul for all freight		34	
Average amount received for each ton haul			\$0 40
Average rate per ton per mile, received for through freight.....			01.119
Average rate per ton per mile, received for local freight.....			01.407
Average rate per ton per mile, received for all freight			01.202

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	356
Flour.....	8,200
Animals.....	100
Other agricultural products.....	6,235
Lumber and forest products.....	40,689
Plaster, lime and cement.....	260
Salt.....	465
Petroleum.....	46
Railroad iron, iron and steel rails.....	43
Pig and bloom iron.....	1,371
Other iron and castings.....	560
Stone, brick and sand.....	730
Manufactures—articles shipped from point of production.....	5,420
Merchandise and other articles not enumerated above.....	5,480
Total forwarded.....	67,940

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	968	1.15
Flour.....	8,284	3.81
Animals.....	141	.16
Other agricultural products.....	8,137	9.44
Lumber and forest products.....	42,690	49.53
Coal.....	8,670	10.07
Plaster, lime and cement.....	447	.51
Salt.....	465	.54
Petroleum.....	946	1.09
Railroad iron, iron and steel rails.....	43	.01
Pig and bloom iron.....	4,471	5.19
Other iron and castings.....	1,167	1.35
Ores.....	25	.02
Stone, brick and sand.....	751	.87
Manufactures—articles shipped from point of production.....	7,026	8.15
Merchandise and other articles not enumerated above.....	6,988	8.12
Total tons carried.....	86,253	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

Adams Express Co. \$11.25 per day.

Kind of business: Merchandise usually carried by express companies.

Freight received at stations.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

39.29 miles. Western Union Telegraph Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

December 8, C. W. Carnahan, yard switchman, St. Joe. Fingers crushed when coupling cars.

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons injured during the year..... 1

STATE OF INDIANA, } ss.
COUNTY OF VIGO, }

John G. Williams, president, and George E. Farrington, secretary, of the Indiana & Lake Michigan Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JNO. G. WILLIAMS,
GEO. E. FARRINGTON.

Subscribed and sworn to before me this 7th day of May, A. D. 1894.

[L. S.]

HORACE M. SMITH,
Notary Public.

ANNUAL REPORT
OF THE
LAKE SHORE & MICHIGAN SOUTHERN RAILWAY CO.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President—JOHN NEWELL, Cleveland, O.
Vice President—EDWIN D. WORCESTER, New York.
Secretary—EDWIN D. WORCESTER, New York.
Auditor—CYRUS P. LELAND, Cleveland, O.
Treasurer—EDWIN D. WORCESTER, New York.
General Manager—JOHN NEWELL, Cleveland, O.
General Superintendent—W. H. CANNIFF, Cleveland, O.
Ass't General Superintendent—P. S. BLODGETT, Cleveland, O.
Division Superintendents:
 T. W. NILES, Supt. Eastern Division, Buffalo, N. Y.
 J. K. RUSSELL, Supt. Toledo Division, Cleveland, O.
 L. E. JOHNSON, Supt. Michigan Division, Toledo, O.
 C. A. SHELDON, Ass't Supt. Michigan Division, Elkhart, Ind.
 A. B. NEWELL, Supt. Western Division, Chicago, Ill.
 A. H. SMITH, Supt. Franklin Division, Youngstown, O.
 S. S. HAND, Supt. Detroit Division, Detroit, Mich.
 H. A. WORCESTER, Supt. Lansing Division, Hillsdale, Mich.
 A. G. AMSDEN, Supt. Kalamazoo Division, Grand Rapids, Mich.
Chief Engineer—E. A. HANDY, Cleveland, O.
Superintendent of Telegraph—WM. KLINE, Toledo, O.
Local Treasurer—N. BARTLETT, Cleveland, O.
General Passenger Agent—A. J. SMITH, Cleveland, O.
Ass't General Freight Agent—J. G. JAMES, Cleveland, O.
Attorney—GEO. C. GREENE, Cleveland, O.

DIRECTORS.

WM. K. VANDERBILT, New York, N. Y.
 SAM'L F. BARGER, New York, N. Y.
 H. MCK. TWOMBLY, New York, N. Y.
 CHAS. M. REED, Erie, Pa.
 Terms expire May, 1894.
 JOHN NEWELL, Cleveland, O.
 E. D. WORCESTER, New York, N. Y.
 JOHN E. BURRILL, New York, N. Y.
 F. K. VANDERBILT, New York, N. Y.
 JOHN DEKOVEN, Chicago, Ill.
 Terms expire May, 1895.
 C. VANDERBILT, New York, N. Y.
 DARIUS O. MILLS, New York, N. Y.
 JAS. H. REED, Pittsburg, Pa.
 RASSELAS BROWN, Warren, Pa.
 Terms expire May, 1896.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: 1846.
 Number of stockholders at date of last election: 3,422.
 Number of stockholders in Michigan at same date: 30.
 Amount of full paid stock held in Michigan at same date: \$354,350.
 Date of annual meeting of stockholders: First Wednesday in May.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Cleveland, O.

REMARKS.

Address all communications that concern this report to C. P. Leland, auditor, Cleveland, O.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$23,635,932 81
Total expenses, including taxes.....	\$17,123,018 18	
Net income.....		\$6,562,019 63
Interest on funded debt.....	\$3,173,782 50	
Interest on guaranteed stock.....	53,350 00	
Rentals of leased lines.....	597,394 89	
	\$3,824,507 39	
Balance applicable to dividends.....		\$2,787,512 24
Dividends declared (%).....	\$2,967,900 00	
Balance for the year.....		\$280,477 76
Balance (profit and loss) last year.....		11,881,348 25
Items not included in above, as follows:		
Interest and dividends on assets.....		459,131 63
Cost of Ashtabula Harbor Improv., Dec. 31, 1893.....	\$36,205 23	
Accounts written off.....	4,490 66	
	\$40,695 89	
Balance forward to next year.....		\$12,019,106 23

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$50,000,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	500,000	
Amount paid in on common.....		\$19,466,500 00
Amount paid in on guaranteed.....		533,500 00
Amount paid in on shares not issued (number).....	None.	
Total amount paid in, as per books of the company.....		50,000,000 00
Paid in per mile of road owned by company, 864.87 miles.....		57,812 16

ANALYSIS OF DEBT ACCOUNT.

FUNDED DEBTS.

After deducting \$5,750,000 bonds in the sinking fund.

Date of issue.	Name and character.	Miles included in mortgage.	When due.	Amount outstanding.	Rate of interest and when payable.	Annual interest.
July 1, 1870.	Lake Shore & Michigan Southern—consolidated first mortgage.....	869	July 1, 1900.	\$15,140,000	7½ Reg'd Jan., Apr., July and Oct. (coupon Jan. and July.	\$1,059,800
April 1, 1869.	Lake Shore Railway—dividend bonds.....	263	April 1, 1899	1,355,000	7½ April and October.....	94,850
April 1, 1868.	Buffalo and Erie—mortgage.....	88	April 1, 1898	2,755,000	7½ April and October.....	192,850
Dec. 1, 1873.	Total amount outstanding of the first general mortgage of \$25,000,000 Lake Shore & Michigan Southern—consolidated second general mortgage.....	869	Dec. 1, 1903.	\$19,250,000 24,692,000	7½ June and December.....	\$1,347,500 1,728,410
Total funded debt—Lake Shore & Michigan Southern Railway Company proper.....				\$43,942,000		\$3,075,940

Debt of proprietary roads (owned wholly by Lake Shore & Michigan Southern Railway Co.).

Date of issue.	Name and character.	Miles included in mortgage.	When due.	Amount outstanding.	Rate of interest and when payable.	Annual interest.
Aug. 1, 1876.	Detroit, Monroe & Toledo—first mortgage principal and interest guaranteed by L. S. & M. S.	62	Aug. 1, 1906.	\$924,000	7½ February and August	\$64,680
Jan. 1, 1890.	Kalamazoo & White Pigeon—first mortgage principal and interest guaranteed by L. S. & M. S.	37	Jan. 1, 1940.	400,000	5½ January and July	20,000
Total funded debt of proprietary roads.....				\$1,324,000		\$84,680
Total funded debt.....				\$45,266,000		\$3,160,620

RECAPITULATION.

Total funded debts.....	\$45,266,000 00
Total net liabilities.....	\$45,266,000 00
Amount of debt liabilities per mile of road, 1,026.96 miles.....	
Total amount of stock and debt.....	\$95,266,000 00
Stock and debt per mile of road { 864.87 miles, stock \$57,873.16 } { 1,026.96 miles, debt \$44,077.66 }.....	

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$66,700,000 00	
Equipment account.....	17,300,000 00	\$84,000,000 00
Other investments:		
Detroit, Monroe & Toledo.....	\$1,881,800 00	
Kalamazoo and White Pigeon.....	610,000 00	
Northern Central Michigan.....	1,857,000 00	
Detroit & Chicago.....	942,850 04	
Silver Creek & Dunkirk.....	468,607 60	
Jamestown and Franklin.....	2,182,180 85	
Stock of other companies.....	13,370,227 99	20,812,465 98
Cash items:		
Cash.....	\$1,738,253 58	
Due from agents.....	1,000,616 92	2,738,870 50
Other assets:		
Materials and supplies.....		1,058,326 55
Debit balances from companies and individuals.....		278,606 63
Pacific Hotel Co., Chicago.....		270,840 67
General office property and other real estate.....		451,007 59
Other open accounts.....		968,112 20
Total.....		\$110,071,229 12

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$50,000,000 00
Funded debt.....	45,266,000 00
Unfunded debt:	
Dividends unpaid (paid Feb. 1, 1894).....	\$1,510,670 00
Vouchers and accounts (paid in Jan., 1894).....	1,275,452 89
	2,786,122 89
Profit and loss or income accounts.....	12,019,106 23
Total.....	\$110,071,229 12

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$84,000,000 00
Average cost per mile of road, not including sidings, 864.87 miles.....	90,082 44
Proportion of cost for Michigan.....	21,047,902 49

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Various items of cost under these heads are charged to operating expenses direct.

ANALYSIS OF EARNINGS.
PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Express and baggage.	Mails.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.	\$4,457,753 76	\$2,076,136 71	\$6,533,895 47	\$543,636 92	\$1,275,637 15	\$8,353,169 54	\$1,831,966 66	-----	\$9,726 09
<i>Leased or proprietary road:</i>									
Detroit, Monroe & Toledo	112,670 90		112,670 90	12,834 72	10,836 90	136,342 42	119,539 39		2,186 37
Detroit & Chicago	14,509 05		14,509 05	1,264 53	3,779 60	19,553 18	18,233 65		260 54
Detroit, Hillsdale & So. W.	19,609 63		19,609 63	1,660 47	4,008 79	25,278 91	25,278 91		287 63
Ft. Wayne & Jackson	88,332 91		88,332 91	5,674 31	9,279 24	103,276 36	47,247 14		1,060 78
N. Central Michigan	44,069 70		44,069 70	1,506 10	3,508 16	49,583 96	49,583 96		1,307 08
Kalamazoo & W. Pigeon	37,353 37		37,353 37	3,580 09	5,031 00	45,974 85	45,974 85		1,257 11
Kalamazoo, Allegan & G. R.	59,669 17		59,669 17	5,784 81	8,036 52	73,440 50	73,440 50		1,369 69
Sturgis, Goshen & St. Louis	8,634 06		8,634 06	544 19	1,813 53	11,000 83	3,266 91		887 32
Mackinac Island	84,280 18		84,280 18	5,441 95	3,811 96	93,534 09	-----		915 54
Janetown & Franklin	89,525 45		89,525 45	2,335 81	4,901 69	96,762 95	-----		
Total passenger department earnings.	\$4,916,923 60	\$2,076,136 71	\$6,993,060 31	\$554,644 47	\$1,533,636 53	\$9,011,345 31	\$2,204,054 06	\$1 67.4	\$9,186 86

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total traffic.	Other sources, freight department.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches.	-----	-----	\$12,821,628 25	\$236,023 38	\$13,047,645 55	\$3,844,467 23	-----	\$15,186 69
<i>Leased or proprietary roads:</i>								
Detroit, Monroe & Toledo	-----	-----	447,930 68	10,750 27	458,680 95	394,095 55		7,355 37
Detroit & Chicago	-----	-----	26,872 40	5 33	26,877 73	26,718 04		463 45
Detroit, Hillsdale & So. Western	-----	-----	16,888 13	43 75	16,931 88	16,931 88		259 63
Ft. Wayne & Jackson	-----	-----	89,728 68	1,037 49	90,766 32	38,063 05		927 80
N. Central Michigan	-----	-----	44,532 70	2,400 66	46,933 36	46,933 36		767 64
Kalamazoo & White Pigeon	-----	-----	54,266 02	1,497 63	55,763 65	55,463 64		1,543 99
Kalamazoo, Allegan & Grand Rapids	-----	-----	75,639 02	1,131 74	76,770 76	76,770 76		1,813 96
Sturgis, Goshen & St. Louis	-----	-----	8,466 50	-----	8,466 50	8,466 50		236 43
Mackinac Island	-----	-----	546,436 65	1,899 05	548,335 70	1,076 90		10,923 06
Janetown & Franklin	-----	-----	109,807 36	587 11	110,394 47	-----		2,186 42
Total freight department earnings.	\$10,096,493 42	\$4,148,190 73	\$14,244,684 15	\$245,574 26	\$14,490,258 51	\$3,499,508 99	\$1 64.3	\$10,068 89

Total transportation earnings.....		\$23,401,601 82
Transportation earnings per mile of road.....	\$16,254 38	
Transportation earnings per train mile.....	1 65	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From rentals of tracks or terminals, etc.	278,696 43	
From other sources	5,632 56	
Total.....		284,330 99
Total earnings from operation of road.....		\$23,685,932 81
Total earnings per mile of road.....	\$16,449 70	
Total earnings per train mile.....	1 67	
Interest and dividends on assets.....		459,121 63
Total income from all sources.....		\$24,145,054 44
Proportion of income for Michigan, based on mileage		\$5,708,563 04

NOTE.—This company claims that its income, derived from the operation of its road within the State of Michigan, is a less proportion of its gross income derived from the operation of its entire road, than the miles of road operated in said State bear to the entire mileage operated by it, and less than the "proportion of the earnings for Michigan" stated in this report; and that the following is a statement of the actual earnings in Michigan during the year 1893, upon the portion of its road in Michigan which was heretofore the roads of the Michigan Southern Railway Company, and the Erie and Kalamazoo Railroad Company, being the main line from the line between the States of Ohio and Michigan to the line between the States of Michigan and Indiana, 115.95 miles, of which 20.83 miles are part of the road of the Erie and Kalamazoo Railway Company; the Jackson Branch, 41.98 miles; and the Monroe Branch, 29.37 miles:

1st. On through traffic beginning and ending outside of Michigan carried over main line in Michigan:		
Passenger earnings.....		\$275,543 72
Freight earnings.....		4,562 20
2d. On traffic originating and ending in Michigan:		
Passenger earnings.....		110,898 24
Freight earnings.....		115,986 59
3d. On traffic originating in Michigan and ending in other states, and on traffic originating in other states and ending in Michigan:		
Passenger earnings.....		115,599 46
Freight earnings.....		428,107 65
Total earnings in Michigan.....		\$1,060,192 86

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$1,831,753 54
Renewals of rails.....	205,362 91
Renewals of ties.....	232,445 25
Repairs of bridges, including culverts and cattle guards.....	\$14,023 04
Repairs of fences, road crossings and signs.....	153,527 32
Repairs of buildings.....	323,048 12
Total.....	\$3,120,960 18

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$1,199,766 04
Repairs of passenger cars.....	890,921 64
Repairs of freight cars.....	2,010,146 38
Total.....	\$4,100,834 06

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$1,120,226 39
Water supply	90,208 63
Oil and waste	107,940 49
Locomotive service	1,500,181 18
Passenger train service	310,743 36
Passenger train supplies	36,633 80
Mileage of passenger cars	35,942 93
Freight train service	742,719 57
Freight train supplies	28,471 97
Mileage of freight cars	693,832 05
Telegraph expenses (maintenance and operating)	351,461 03
Damage and loss of freight and baggage	101,237 27
Damages to property and cattle	47,738 44
Personal injuries	190,100 70
Agents and station service	2,681,320 46
Station supplies	62,766 71
Total	\$8,094,459 98

GENERAL EXPENSES.

Salaries of the general officers of the company	\$115,100 00
Salaries of clerks in general offices	320,202 21
Law expenses	81,491 18
Rents payable	111,232 59
Stationery and printing	153,557 05
Outside agencies and advertising	308,760 71
Contingencies	57,906 00
Taxes	659,417 22
Total	\$1,807,658 96

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	15.23	\$3,130,960 18
Maintenance of motive power and cars	28.94	4,100,834 06
Conducting transportation	47.27	8,094,459 98
General expenses, including taxes	10.56	1,807,658 96
Total operating expenses and taxes	100.00	\$17,123,913 18
Operating expenses and taxes per mile of road		\$11,894 00
Operating expenses and taxes per train mile run for trains, earning revenue, 14,128,842 miles		1 21

EXPENSES IN MICHIGAN.

Main line and branches.....	\$3,358,752 58
<i>Leased and proprietary roads:</i>	
Detroit, Monroe & Toledo R. R.	398,454 54
Detroit, Hillsdale & Southwestern R. R.	42,207 77
Fort Wayne & Jackson R. R.	63,314 98
Northern Central Michigan R. R.	78,211 80
Kalamazoo, Allegan & Grand Rapids R. R.	114,153 40
Kalamazoo & White Pigeon R. R.	77,833 38
Detroit & Chicago R. R.	51,285 53
Sturgis, Goshen & St. Louis R. R.	4,343 81
Total proportion of expenses for Michigan.....	\$4,173,525 74
Percentage of expenses to earnings.....	72.29
Net earnings per mile of road.....	\$4,557 27
Net earnings per train mile.....	46.4

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.
In Michigan, from state line Ohio and Michigan to state line Michigan and Indiana.....	115.95
In New York, from Buffalo to state line New York and Pennsylvania.....	69.50
In Pennsylvania, state line New York and Pennsylvania to state line Pennsylvania and Ohio.....	44.06
In Ohio, from state line Pennsylvania and Ohio to state line Ohio and Michigan.....	195.01
In Indiana, from state line Michigan and Indiana to state line Indiana and Illinois.....	101.95
In Illinois, from state line Indiana and Illinois to Chicago.....	14.02
Total length completed.....	540.49
Length of double track on main line, 814.79, branches, 184.51.....	499.30
Length of third track on main line.....	9.68

BRANCHES.

Sandusky, from Elyria Junction to Millbury Junction via Sandusky.....	72.95
Sandusky Pier, from Sandusky Junction to old depot Sandusky.....	3.72
Air line, from Air Line Junction to Elkhart.....	130.88
Jackson, from Lenawee Junction to Jackson.....	41.98
Monroe, from Lenawee Junction to Monroe.....	29.27
Ashtabula Harbor, from Ashtabula Harbor to Crossing of main line.....	2.38
Dunkirk, from Junction of D. A. V. & P. E. R. at Dunkirk.....	1.30
Detroit, from Air Line Junction to Detroit.....	68.96
Kalamazoo, from White Pigeon to Kalamazoo.....	36.57
Lansing, from Jonesville to North Lansing.....	61.14
Detroit and Chicago, from Detroit River Junction to Fayette.....	62.31
Sturgis, Goshen and St. Louis, from Goshen to Findley.....	35.81
Ashtabula, from Ashtabula to Jamestown.....	35.98
Silver Creek and Dunkirk, from Silver Creek, N. Y., to Dunkirk, N. Y.....	8.71
Total length of branches owned by company.....	585.86
Total length of branches owned by company in Michigan.....	291.93
Total length of road owned by this company.....	1,126.05
Total length of road owned by this company in Michigan.....	407.88
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated:	
owned.....	79.88
on leased lines.....	20.81
Aggregate length of tracks in Michigan belonging to this company, computed as single track, includes sidings on leased lines.....	508.07
Gauge of track, 4 feet 8½ inches.	

Proprietary or leased roads operated by this company.

Name, description and length of each:

	Total miles.	In Michigan.
Kalamazoo, Allegan & Grand Rapids, from Kalamazoo to Grand Rapids.....	58.42	58.42
Jamestown & Franklin, from Jamestown to Oil City.....	50.91	
Mahoning Coal, from Andover to Youngstown.....	38.31	
Mahoning Coal, branch to No. 9 coal bank.....	2.85	
Mahoning Coal, branch to Keel Ridge coal bank.....	0.78	
Mahoning Coal, Sharon branch.....	8.31	
	50.20	
Detroit, Hillsdale & Southwestern.....	65.20	65.20
Fort Wayne & Jackson.....	97.88	44.54
Total.....	322.56	168.16
Total miles operated by the company.....	1,448.61	578.04

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, ft.
Wooden bridges.....	25	8,148
Stone bridges.....	2	120
Iron bridges.....	87	2,006
Wooden trestles.....	78	11,470
Total.....	137	16,748

Draw bridges in Michigan.

How many on your line?

Two.

Where located, when built, and length of draw span?

Grand Rapids, built 1893, length of draw, 141½ feet.

West Detroit, built 1887, length of draw, 180 feet.

Character of structure:

Grand River, Pratt truss.

Rouge River, Pratt truss.

Material of which constructed:

Grand River, iron.

Rouge River, iron.

Height above water, and depth of water under bridge:

Grand River, height, 23 feet; depth, 7 feet.

Rouge River, height, 9 feet 6 inches; depth, 16 feet.

How swung, by engine or hand power:

Grand River, hand.

Rouge River, hand.

Approaches straight or curved:

Grand River, straight.

Rouge River, curved.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes.

Railroads crossing us at grade.

G. R. & I. at Grand Rapids, Plainwell, Kalamazoo (2), Sturgis (2).
 Michigan Central at Kalamazoo, Three Rivers, Eaton Rapids, Albion, Homer, Jackson (2), Detroit,
 West Detroit, Monroe.
 Wabash at Raisin Center, Delray, between Ecorse and W. Detroit, Adrian.
 T., A. A. & N. M. at Pittsfield Junction, Federman, Dundee.
 C. & W. M. at Grand Rapids, Grandville.
 C. & G. T. at Schoolcraft, South Lansing.
 F. & P. M. at Delray, between Ecorse and W. Detroit, Carleton.
 C., J. & M. at Allegan, Homer, Hanover, Tecumseh.
 C., K. & S. at Kalamazoo.
 Lansing transit at Lansing.
 L. S. & M. S., Goshen branch at Sturgis, Jackson branch at Jackson, Ft. Wayne branch at Ft. Wayne
 Junction, Monroe branch at Monroe dock track, Monroe branch at Lenawee Junction.

What railroads cross your road either over or under your grade in this State, and where?

Under—C., J. & M. R. E. at Hudson and Jerome.

Railroad crossings operated by interlocking and derailling switches, also showing patterns used:

C., K. & S., Kalamazoo, wheel, Gravit Signal Co.
 C. & G. T., Schoolcraft, Saxby-Farmer, U. S. & G. Co.
 C. & G. T. and M. C., South Lansing, wheel machine, U. S. & G. Co.
 M. C., Albion, Saxby-Farmer, U. S. & G. Co.
 M. C. and C., J. & M., Homer, Saxby-Farmer, U. S. & G. Co.
 M. C. and G. R. & I., Kalamazoo, Saxby-Farmer, U. S. & G. Co.
 M. C., Woodward Ave., Detroit, West Detroit, Saxby-Farmer, U. S. & G. Co.
 Wabash, Raisin Centre and Adrian, Saxby-Farmer, U. S. & G. Co.
 L. S. & M. S., Ft. Wayne branch, Ft. Wayne Junction, Saxby-Farmer, U. S. & G. Co.
 F. & P. M. and Wabash, Delray, Saxby-Farmer, U. S. & G. Co.

Crossings—Railroad and highway.

Number of crossings of highways at grade in this State.....	869
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	50
Number of crossings at which there electric or automatic signals.....	2
What pattern or patterns in use?	
O'Neil highway crossing alarm.	
Number of crossings of highways over or under railroad (over 6, under 4).....	10
Number of highway bridges 18 feet above track.....	5
Number of highway bridges less than 18 feet above track.....	1
Have safety guards been erected at overhead obstructions?	
Yes.	
Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?	
Yes.	
How are they treated?	
By wooden blocking.	

Stations.

Number of stations on whole line.....	239
Same in Michigan.....	189

Employees.

Number of persons regularly employed on all roads operated by company, including officials 15,353
 Same in Michigan 1,788

Classify your employ  s as per following list:

	Number.
Baggagemen	188
Brakemen	780
Conductors	865
Engineers	760
Firemen	688
Laborers	5,637
Shopmen	1,589
Yardmen	1,121
Others	4,145

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you 1,152.08
 Give the number of miles required to complete fence both sides of your track in Michigan
 and the counties in which needed None

Road bed and track.

Number of track sections in Michigan 105
 Average lengths of sections (miles) 5.486
 Average number of men in each section gang 5
 Number of new ties put in whole line during the year 548,117
 Number of new ties put in track in Michigan 182,976
 Average number of new ties per mile of road 378.4
 New rails put in track, steel 11,232 tons, miles 107.45
 Total miles of track laid with new rails 107.45

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet) 1,788
 Timber culverts replaced during the year:
 With iron pipe—number 101
 With timber—number 23
 New bridges built during the year—number 24

Location.	Kind.	Material.	Month built.	Feet in length.
Three Rivers	Pratt truss	Iron	October	ft. in.
Plainwell	Girder	"	June	216.
Byron Center	"	"	September	9.8
Eagle Mills	Pratt truss draw	"	March	19.4
Eagle Mills	Girder approach	"	"	141.6
Hanover	"	"	May	43.8
Bankers	"	"	November	9.8
Montgomery	"	"	"	19.4
Tecumseh	"	"	December	17.4
Vienna	"	"	November	34.4
La Salle	"	"	"	17.4
La Salle	"	"	"	19.4
La Salle	"	"	December	17.4
Monroe	"	"	"	15.4
Rockwood	"	"	"	15.4
Trenton	"	"	"	17.4
Vistula	"	"	"	21.4
White Pigeon	Pratt truss	"	November	19.10
Burr Oak	Girder	"	August	81.10
Bronson	"	"	October	13.4
Batavia	"	"	November	45.4
Allen	"	"	May	7.8
Allen	"	"	November	11.4
Allen	"	"	"	15.4
Allen	"	"	"	11.4
Fort Wayne Junction	"	"	May	8.

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	563	\$2,576,181 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	28	86,800 00
Total.....	591	\$2,662,981 00
Number of passenger cars—12-wheel, including official and P. O. cars.....	63	
Number of passenger cars—8-wheel, including official cars.....	274	
Number of express and baggage cars.....	98	\$1,183,444 60
Number of box freight cars.....	12,184	
Number of stock cars.....	1,135	
Number of platform cars.....	2,065	
Number of ore cars, 49; coal, 5,393.....	5,417	4,539,418 00
Number of conductors' way cars.....	292	113,185 04
Other cars as follows:		
Derriek.....	13	
Tool.....	15	
Dampers.....	219	
Total.....	247	\$4,513 25
Total.....	21,755	\$5,870,565 89

Number of locomotives equipped with power brakes.....	591
Number of passenger train cars equipped with power brakes.....	435
Number of freight cars equipped with power brakes.....	5,431

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse air and steam driver brakes on locomotives.

Westinghouse air brakes on cars.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Gould and Janney; principally Gould.

How are your passenger cars heated?

L. S. & M. S. system of steam heat and Baker heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	5,322,330
Miles run by freight trains during the year.....	8,906,512
Total mileage of trains earning revenue.....	14,128,842

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	191,620		
Number of local passengers carried.....	5,119,466		
Total number of passengers carried.....	5,311,086		
Total passenger mileage.....	334,307,812		
Average distance traveled by each passenger.....		63	
Average amount received from each passenger.....			\$1 32
Average rate of fare per mile for through passengers.....			02.006
Average rate of fare per mile for local passengers.....			02.131
Average rate of fare per mile for all passengers.....			02.092

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	2,119,206		
Number of tons of local freight carried.....	11,023,638		
Total tons of freight carried.....	13,142,844		
Total mileage of through freight.....		807,262,478	
Total mileage of local freight.....		1,620,429,542	
Total freight mileage, or tons carried one mile.....		2,427,692,020	
Average ton haul for through freight.....		390.9	
Average ton haul for local freight.....		147	
Average ton haul for all freight.....		184.7	
Average amount received for each ton haul.....			\$1 08.4
Average rate per ton per mile, received for through freight.....			00.514
Average rate per ton per mile, received for local freight.....			00.823
Average rate per ton per mile, received for all freight.....			00.587

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	89,727
Floor and flour mill products	135,275
Provisions (beef, pork, lard, etc.)	12,861
Animals	21,825
Other agricultural products	85,580
Lumber and forest products	248,696
Coal and coke	6,001
Plaster, lime and cement	21,466
Salt	21,723
Petroleum	5,477
Pig and bloom iron	5,566
Other iron and castings	25,902
Ores	101
Stone, brick and sand	85,499
Manufactures	85,028
Merchandise and other articles not enumerated above	97,294
Total forwarded	945,991

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	1,154,869	8.78
Floor, and other flour mill products	581,719	4.48
Provisions (beef, pork, lard, etc.)	408,467	3.11
Animals	561,799	4.27
Other agricultural products	410,068	3.12
Lumber and forest products	767,020	5.76
Coal and coke	2,828,624	27.57
Plaster, lime and cement	185,463	1.26
Salt	68,397	.52
Petroleum	409,164	3.11
Railroad iron, iron and steel rails	23,062	.18
Pig and bloom iron	175,399	1.38
Other iron and castings	566,563	4.31
Ores	1,182,394	9.
Stone, brick and sand	1,197,792	9.11
Manufactures	418,972	3.19
Merchandise and other articles not enumerated above	1,488,542	10.95
Total tons carried	12,142,844	100.

ADDITIONAL QUESTIONS.

Express Companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co., Buffalo to Cleveland, pays 80c per 100 lbs. for through, and 15c to 50c per 100 lbs. for way freight.
 United States Express Co., Buffalo to Chicago, pays from 20c to 85c per 100 lbs. on freight.
 These companies do a general express business and deliver freight to us at our depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Total miles wire entire line	14,252
Miles wire in Michigan owned by railway company	367
Miles wire in Michigan owned by W. U. Tel. Co.	1,847
Miles wire in Michigan owned jointly by W. U. Tel. Co. and R'y Co.	520
Miles wire in Michigan owned jointly by Postal Tel. Co. and R'y Co.	9
Total miles wire in Michigan	2,743

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Wagner Palace Car Co., New York City.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

Jan. 4, Geo. J. Hamilton, farmer, Constantine. Street crossing; carelessness.
Jan. 13, S. Gardner, farmer, Sturgis. Trespasser; carelessness.
Feb. 4, E. B. Barrister, sewing machine man, Detroit. Street crossing; carelessness.
April 26, Jno. Walker, section foreman, Kalamazoo. Fell from car; carelessness.
April 30, Carl L. Shiley, freight brakeman, Warner. Coupling; carelessness.
June 2, Jno. A. Greffith, schoolboy, Otsego. Trespasser; carelessness.
June 22, unknown man, unknown, Vienna. Trespasser; carelessness.
July 14, Jno. M. Fluhrer, freight brakeman, Tecumseh. Fell under train; carelessness.
June 20, P. Wehnard, not employé Co., Melvern. Trespasser; carelessness.
July 18, Elda Qnear, child, Sturgis. Trespasser; carelessness.
June 30, C. D. Hull, freight brakeman, Hudson. Collision; carelessness.
Sept. 5, Jno. Hilton, farmer, Camden. Highway collision; carelessness.
Sept. 2, Chas. Wise, fish peddler, Springport. Highway collision; carelessness.
Nov. 23, David Nelson, bridge carpenter, Bronson. Fell from train; carelessness.
Nov. 30, M. Houston, unknown, Burr Oak. Highway collision; carelessness.

INJURED.

Jan. 14, F. P. Brewer, road carpenter, Adrian. Finger injured; carelessness.
Dec. 22, 1892, Jas. Burns, yard brakeman, West Detroit. Coupling; carelessness.
March 9, Jno. Able, section man, Jackson. Struck by shovel; carelessness.
May 4, Thos. Ryan, freight handler, Detroit. Unloading freight; carelessness.
June 12, Mrs. Jane A. Mills, passenger, Lansing. Fell from train; carelessness.
June 27, Mrs. Royal Tupper, not employé, Hanover. Trespasser; carelessness.
April 27, Jno. P. Miller, freight brakeman, Ottawa. Coupling; carelessness.
May 27, Chas. Davis, switchman, Hillsdale. Coupling; carelessness.
July 19, Chas. G. Blair, not employé, Coldwater. Trespasser; carelessness.
July 17, W. S. Williams, brakeman, Manchester. Coupling; carelessness.
June 26, Chas. Billings, not employé, Monroe. Unloading freight; carelessness.
July 30, Harry W. Wood, not employé, Jonesville. Trespasser; carelessness.
Aug. 5, Wm. Harrison, not employé, Kessler. Trespasser; carelessness.
Aug. 11, P. J. Galerno, laborer, Portage Center. Coupling; carelessness.
June 29, J. S. Pawling, freight brakeman, Warner. Coupling; carelessness.
Aug. 15, Emil Peterson, laborer, Three Rivers. Handling ties; carelessness.
Aug. 22, E. J. Stewart, 5 years old, Coldwater. Trespasser; carelessness.
Sept. 2, Edwin Stones, laborer, Coldwater. Caught under car; carelessness.
Aug. 20, Frederick Katts, not employé, Clinton. Trespasser; carelessness.
Aug. 23, Andy Gavigar, section man, Hillsdale. Caught between cars; carelessness.
Oct. 2, E. A. Kirby, freight brakeman, Trenton. Coupling; carelessness.
Oct. 31, A. B. Bishop, freight brakeman, Coldwater. Coupling; carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Case of accident.	Killed.			Injured.		
	Passengers	Employés.	Others.	Passengers.	Employés.	Others.
Collisions		1				
Coupling cars		1			8	
Falling from trains		2		1		
Highway crossings			5			
Miscellaneous		1			6	1
Trespassers on tracks			5			6
Total		5	10	1	14	7

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year	15
Number of persons injured during the year	23
Number resulting from lack of caution, carelessness, or misconduct	37
Trespassers and tramps killed or injured	11

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....	3	6	9
Laborers.....		6	6
Yardmen.....		2	2
Not classified above.....	2		2
Total.....	5	14	19

STATE OF OHIO, }
COUNTY OF CUYAHOGA. } ss.

John Newell, president, and Cyrus P. Leland, auditor, of the Lake Shore & Michigan Southern Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JOHN NEWELL,
C. P. LELAND.

Subscribed and sworn to before me this 6th day of April, A. D. 1894.

W. T. SMITH,
Notary Public.

ANNUAL REPORT
OF THE
DETROIT & CHICAGO RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, JOHN NEWELL, Cleveland, O.
Secretary, C. P. LELAND, Cleveland, O.
Treasurer, C. P. LELAND, Cleveland, O.

DIRECTORS.

JOHN NEWELL, Cleveland, O.
C. VANDERBILT, New York, N. Y.
W. K. VANDERBILT, New York, N. Y.
ASHLEY POND, Detroit, Mich.
CHAS. F. COX, New York, N. Y.
E. D. WORCESTER, New York, N. Y.
SAMUEL F. BARGER, New York, N. Y.
CYRUS P. LELAND, Cleveland, O.
D. W. PARDEE, New York, N. Y.
Terms expire when their successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Nov. 19, 1888.
Number of stockholders at date of last election: 11.
Number of stockholders in Michigan at same date: 1.
Amount of full paid stock held in Michigan at same date: \$100.00.
Date of annual meeting of stockholders: Second Wednesday in November.
Fiscal year of company ends: December 31.
General offices of the company are located at Cleveland, O.

REMARKS.

Entire capital stock owned by L. S. & M. S. R'y Co.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,000,000 00
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	10,000	
Amount paid in on common.....		\$1,000,000 00
Total amount paid in, as per books of the company.....		1,000,000 00
Paid in per mile of road owned by company, miles 67.6.....		<u>14,792 90</u>

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt.....	\$1,000,000 00
Stock and debt per mile of road.....	<u>14,792 90</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by old company.

Total expended for construction	\$5,176,537 58
Average cost of construction per mile of road, not including sidings, 67.8 miles.....	76,576 29
Proportion of cost of construction for Michigan	<u>4,818,713 07</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
1874.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan.....	57.65	
Length completed in Ohio.....	4.66	
Total length completed.....		<u>62.31</u>
Total length of road belonging to this company		62.31
Total length of road belonging to this company in Michigan.....	57.65	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		4.32
Same in Michigan.....	4.00	
Aggregate length of tracks belonging to this company, computed as single track.....		<u>66.63</u>
Same in Michigan.....		<u>61.65</u>
Gauge of track, 4 feet 8½ inches.		

STATE OF OHIO, }
COUNTY OF CUYAHOGA, } ss.

John Newell, president, and Syrus P. Leland, secretary, of the Detroit & Chicago Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JOHN NEWELL, President.
C. P. LELAND, Secretary.

Subscribed and sworn to before me this 6th day of April, A. D. 1894.

W. T. SMITH,
Notary Public.

ANNUAL REPORT
OF THE
DETROIT, HILLSDALE & SOUTHWESTERN RAILROAD
COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, ELLIJAH SMITH, Boston, Mass.
Secretary, PROSPER W. SMITH, Boston, Mass.
Treasurer, PROSPER W. SMITH, Boston, Mass.
Transfer Agent, FARMERS' LOAN & TRUST CO., New York, N. Y.

DIRECTORS.

ELLIJAH SMITH, Boston, Mass.
CALEB W. LORING, Boston, Mass.
EDWARD L. GIDDINGS, Boston, Mass.
FRANK O. SQUIRE, Boston, Mass.
PROSPER W. SMITH, Boston, Mass.
GEORGE H. EAGER, Boston, Mass.
EDWARD C. PERKINS, Boston, Mass.
M. V. B. EDGEWELL, Springfield, Mass.
GEORGE B. WARREN, Troy, N. Y.
Terms expire January 8, 1896.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: January 30, 1875.
Number of stockholders at date of last election: 339.
Number of stockholders in Michigan at same date: 3.
Amount of full paid stock held in Michigan at same date: \$1,700.00.
Date of annual meeting of stockholders: Second Tuesday in January.
Fiscal year of company ends: July 1.
General offices of the company are located at Ypsilanti, Mich.

REMARKS.

The property of the Detroit, Hillsdale & Southwestern Railroad Company is leased in perpetuity to the Lake Shore & Michigan Southern Railway Co. lease is dated Sept. 5, 1881, the terms are \$40,500.00 per annum until July 1, 1883, and \$54,000.00 per annum thereafter, payable semi-annually on January 1, and July 1, the lessee also pays \$500.00 per annum for organization expenses.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,350,000 00
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	13,500	
Amount paid in on common.....		\$1,350,000 00
Total amount paid in, as per books of the company.....		1,350,000 00
Paid in per mile of road owned by company.....		20,705 52

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt.....	\$1,350,000 00
Stock and debt per mile of road.....	20,705 52

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$1,292,204 51
Average cost of construction per mile of road, not including sidings, 65.20 miles.....	19,819 09
Proportion of cost of construction for Michigan.....	19,819 09
Total expended for equipment.....	\$8,811 74
Average cost of equipment per mile, 65.20 miles.....	820 73
Proportion of cost of equipment for Michigan.....	820 73

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini: November, 1872.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan.....	65.20	
Total length completed.....		65.20
Total length road belonging to this company.....		65.20
Total length of road belonging to this company in Michigan.....	65.20	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		4.29
Same in Michigan.....	4.29	
Aggregate length of tracks belonging to this company, computed as single track.....		69.49
Same in Michigan.....		69.49
Gauge of track, 4 feet 8½ inches.		

STATE OF MASSACHUSETTS. } ss.
COUNTY OF SUFFOLK,

Prosper W. Smith, secretary, of the Detroit, Hilldale & Southwestern Railroad Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D 1893, to the best of his knowledge and belief.

Signed,

PROSPER W. SMITH, Secretary.

Subscribed and sworn to before me this 6th day of March, A. D. 1894, by Prosper W. Smith, secretary.

[L. S.]

AMBROSE EASTMAN,
Notary Public.

ANNUAL REPORT
OF THE
DETROIT, MONROE & TOLEDO RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY. WITH LOCATION OF OFFICES.

President, JOHN NEWELL, Cleveland, Ohio.
Secretary and Treasurer, C. P. LELAND, Cleveland, Ohio.

DIRECTORS.

C. VANDERBILT, New York, N. Y.
W. K. VANDERBILT, New York, N. Y.
JOHN NEWELL, Cleveland, Ohio.
E. D. WORCESTER, New York, N. Y.
G. H. WORCESTER, New York, N. Y.
ASHLEY POND, Detroit, Mich.
GEO. C. GREENE, Cleveland, Ohio.
P. P. WRIGHT, Cleveland, Ohio.
A. HILLS, Cleveland, Ohio.
C. P. LELAND, Cleveland, Ohio.
Terms expire when their successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 6, 1855.
Number of stockholders at date of last election: 2.
Number of stockholders in Michigan at same date: 1.
Amount of full paid stock held in Michigan at same date: \$100.00.
Date of annual meeting of stockholders: Fourth Tuesday in April.
Fiscal year of company ends December 31.
General offices of the company are located at Cleveland, Ohio.

REMARKS.

Entire capital stock, except one share, owned by Lake Shore & Michigan Southern Railway.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$414,100 00
Par value of shares	\$100 00	
Number of shares issued	4,141	
Total amount paid in as per books of the company		\$414,100 00
Paid in per mile of road owned by company		<u>6,640 47</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage.....	7%	1908	-----	\$924,000 00
Total funded debt				\$924,000 00

RECAPITULATION.

Total funded debt	\$924,000 00
Amount of debt liabilities per mile of road, 62.36 miles	14,882 22
Total amount of stock and debt	1,338,100 00
Stock and debt per mile of road	21,457 66

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$64,680 00
Was it paid for the last year? Yes.	

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$1,381,600 00
Average cost of construction per mile of road, not including sidings, 62.36 miles	22,155 22
Proportion of cost of construction for Michigan	1,196,381 88

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	54.67	
Length completed in Ohio	7.69	
Total length completed		62.36
Length of double track on main line in Ohio		2.45
Total length of road belonging to this company		62.36
Total length of road belonging to this company in Michigan	54.67	
Aggregate length of sidings, spurs and other tracks not above enumerated		22.08
Same in Michigan	18.26	
Aggregate length of tracks belonging to this company, computed as single track		86.84
Same in Michigan	72.93	
Gauge of track, 4 feet 8½ inches.		

STATE OF OHIO, }
COUNTY OF CUYAHOGA, } ss.

John Newell, president, and Cyrus P. Leland, secretary, of the Detroit, Monroe & Toledo Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.
[L. S. OF R. R.] Signed, JOHN NEWELL, President,
C. P. LELAND, Secretary.

Subscribed and sworn to before me this 6th day of April, A. D. 1894.
[L. S.]

W. T. SMITH, Notary Public.

ANNUAL REPORT
OF THE
FORT WAYNE & JACKSON RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, SAMUEL SLOAN, New York City.
Secretary, ROSEWELL G. ROLSTON, New York City.
Treasurer, ROSEWELL G. ROLSTON, New York City.
Transfer Agent, THE FARMERS' LOAN & TRUST CO., New York City.

DIRECTORS.

SAM'L SLOAN, New York City, N. Y.
R. G. ROLSTON, New York City, N. Y.
L. TURNURE, New York City, N. Y.
W. D. SEARLS, New York City, N. Y.
J. M. ROOT, Jackson, Mich.
PERCY R. PYNE, New York City, N. Y.
S. S. PALMER, New York City, N. Y.
HENRY BESTE, New York City, N. Y.
WM. S. SLOAN, New York City, N. Y.
D. MERRIMAN, Jackson, Mich.
J. F. JOY, Detroit, Mich.

Terms expire January 25, 1895.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: December 31, 1879.
Number of stockholders at date of last election: 350.
Number of stockholders in Michigan at same date: 10.
Amount of full paid stock held in Michigan at same date: Preferred, 134 shares; common, 1,060 shares.
Date of annual meeting of stockholders: January 25, 1894.
Fiscal year of company ends January 25, 1895.
General offices of the company are located at New York, N. Y.

ANALYSIS OF CAPITAL STOCK.

	Preferred.	Common.
Amount authorized by charter or articles of association	\$2,291,416 00	\$436,132 00
Par value of shares	\$100 00	
Average price received per share: Issued for bonds.		
Number of shares issued	22,914 16	4,361 32

ANALYSIS OF DEBT ACCOUNT.

RECAPITULATION.

Total amount of stock and debt	\$2,727,548 00
Stock and debt per mile of road	27,880 00

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
 No knowledge.

MAIN LINE.

Total length of road belonging to this company.....	Miles. 97.83
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STATE OF NEW YORK, }
 COUNTY OF NEW YORK, } ss.

Samuel Sloan, president, and Roswell G. Rolston, secretary, of the Fort Wayne & Jackson Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

[L. S. OF R. R.]

SAM'L SLOAN, *President*,
 R. G. ROLSTON, *Secretary*.

Subscribed and sworn to before me this 6th day of March, A. D. 1894.

[L. S.]

W. B. CARDOZO,
Notary Public, No. 145, New York County.

ANNUAL REPORT.
OF THE
KALAMAZOO, ALLEGAN & GRAND RAPIDS RAILROAD
COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President—J. H. WADE, Cleveland, O.
Secretary—C. P. LELAND, Cleveland, O.
Treasurer—HORACE B. CORNER, Cleveland, O.

DIRECTORS.

O. M. BARNES, Lansing, Mich.
H. B. PAYNE, Cleveland, O.
C. P. LELAND, Cleveland, O.
JNO. NEWELL, Cleveland, O.
GEO. F. ELY, Cleveland, O.
DAN P. ELLS, Cleveland, O.
J. H. WADE, New York, N. Y.
CHAS. A. OTIS, New York, N. Y.
H. B. PERKINS, Warren, O.

Terms expire when their successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 3, 1868.
Number of stockholders at date of last election: 92.
Number of stockholders in Michigan at same date: 14.
Amount of full paid stock held in Michigan at same date: \$206,600.
Date of annual meeting of stockholders: 1st Wednesday in May.
Fiscal year of company ends December 31.
General offices of the company are located at Cleveland, O.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$100	\$610,000 00
Par value of shares.....			
Number of shares issued.....	6,100		
Amount paid in on common.....		\$610,000 00	
Total amount paid in, as per books of the company.....			\$610,000 00
Paid in per mile of road owned by company.....			10,441 63

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage.....	5%	July 1, 1893		\$840,000 00
Total funded debt.....				\$840,000 00

RECAPITULATION.

Total funded debt	\$840,000 00
Total debt liabilities	\$840,000 00
Amount of debt liabilities per mile of road, 58.42 miles.....	\$14,878 64
Total amount of stock and debt	1,450,000 00
Stock and debt per mile of road	24,820 27

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$42,000 00
Was it paid for the last year	Yes.

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$1,450,000 00
Average cost of construction per mile of road (not including sidings), 58.42 miles.....	24,820 00
Proportion of cost of construction for Michigan.....	1,450,000 00

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	58.42	
Total length completed		58.42
Total length of road belonging to this company		58.42
Total length of road belonging to this company in Michigan.....	58.42	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		10.36
Same in Michigan	10.36	
Aggregate length of tracks belonging to this company computed as single track		68.78
Same in Michigan.....	68.78	
Gauge of track, 4 feet 8½ inches.		

STATE OF OHIO, } ss.
COUNTY OF CUYAHOGA, }

J. H. Wade, president, and Cyrus P. Leland, secretary, of the Kalamazoo, Allegan & Grand Rapids Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

J. H. WADE, President.
CYRUS P. LELAND, Secretary.

[L. S. OF R. R.]

Subscribed and sworn to before me this 7th day of April, A. D. 1894.

W. T. SMITH, Notary Public.

ANNUAL REPORT
OF THE
KALAMAZOO & WHITE PIGEON RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed April 9, 1899.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JOHN NEWELL, Cleveland, Ohio.

Secretary and Treasurer, C. P. LELAND, Cleveland, Ohio.

DIRECTORS.

JOHN NEWELL, Cleveland, Ohio.

J. H. WADE, Cleveland, Ohio.

C. P. LELAND, Cleveland, Ohio.

D. P. CLAY, Grand Rapids, Mich.

D. B. MERRILL, Kalamazoo, Mich.

J. W. OSBORN, Kalamazoo, Mich.

M. E. WATLES, Kalamazoo, Mich.

Terms expire when their successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Aug. 14, 1899.

Number of stockholders at date of last election: One (L. S. & M. S. R'y).

Number of stockholders in Michigan at same date: One (L. S. & M. S. R'y).

Fiscal year of company ends December 31.

General offices of the company are located at Cleveland, Ohio.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$230,900 00
Par value of shares.....	\$100	
Number of shares issued.....	2,309	
Amount paid in on common.....		230,900 00
Total amount paid in, as per books of the company.....		230,900 00
Paid in per mile of road owned by company.....		6,513 64

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage.....	5%	Jan. 1, 1940.....		\$400,000 00
Total funded debt.....				\$400,000 00

RECAPITULATION.

Total funded debt.....	\$400,000 00
Total debt liabilities.....	\$400,000 00
Amount of debt liabilities per mile of road, 36.57 miles.....	\$10,937 92
Total amount of stock and debt.....	680,900 00
Stock and debt per mile of road.....	17,251 56

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$20,000 00
Was it paid for the last year.....	Yes.

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$610,000 00
Average cost of construction per mile of road, not including sidings, 36.57 miles.....	16,680 00
Proportion of cost of construction for Michigan.....	610,000 00

DESCRIPTION OF ROAD.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan.....		36.57	
Total length completed.....			36.57
Total length of road belonging to this company.....			36.57
Total length of road belonging to this company in Michigan.....	36.57		
Aggregate length of sidings, spurs and other tracks not above enumerated.....			5.84
Same in Michigan.....	5.84		
Aggregate length of tracks belonging to this company, computed as single track.....			42.41
Same in Michigan.....		42.41	
Gauge of track, 4 feet 8½ inches.			

STATE OF OHIO, }
COUNTY OF CUYAHOGA, } ss.

John Newell, president, and Cyrus P. Leland, secretary, of the Kalamazoo & White Pigeon Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and have carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

JOHN NEWELL, President.
C. P. LELAND, Secretary.

[L. S. OF R. R.]

Subscribed and sworn to before me this 6th day of April, A. D. 1894.

W. T. SMITH, Notary Public.

ANNUAL REPORT
OF THE
NORTHERN CENTRAL MICHIGAN RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, JOHN NEWELL, Cleveland, Ohio.

Secretary and Treasurer, CYRUS P. LELAND, Cleveland, Ohio.

DIRECTORS.

W. K. VANDERBILT, New York, N. Y.

W. H. BROOKWAY, Albion, Mich.

JOHN NEWELL, Cleveland, Ohio.

C. T. MITCHELL, Hillsdale, Mich.

S. V. IRWIN, Lansing, Mich.

W. H. CANNIFF, Cleveland, Ohio.

P. P. WRIGHT, Cleveland, Ohio.

A. E. BILLINGS, Toledo, Ohio.

R. A. MONTGOMERY, Lansing, Mich.

Terms expire when successors are elected.

STOCKHOLDERS. STOCK AND GENERAL OFFICES.

Number of stockholders at date of last election: One (L. S. & M. S. R'y).

Fiscal year of company ends December 31.

General offices of the company are located at Cleveland, Ohio.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$610,000 00
Number of shares issued: 6,100, all owned by L. S. & M. S. R'y Co.	
Total amount paid in, as per books of the company	\$610,000 00
Paid in per mile of road owned by company, 61.14 miles	9,977 12

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.
First mortgage bonds	8%	1903

All owned by L. S. & M. S. R'y Co.

RECAPITULATION.

Total funded debt	\$1,525,000 00
Amount of debt liabilities per mile of road, 61.14 miles	24,942 75
Total amount of stock and debt	<u>2,135,000 00</u>

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$122,000 00
Was it paid for the last year? Yes.	<u> </u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$1,357,000 00
Average cost of construction per mile of road, not including sidings, 61.14 miles	22,195 00
Proportion of cost of construction for Michigan	<u>1,357,000 00</u>

DESCRIPTION OF ROAD.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan		61.14	
Total length of road belonging to this company			61.14
Total length of road belonging to this company in Michigan		61.14	
Aggregate length of sidings, spurs and other tracks not above enumerated			8.00
Same in Michigan		8.00	
Aggregate length of tracks belonging to this company, computed as single track			<u>69.14</u>
Same in Michigan		69.14	
Gauge of track, 4 feet 8½ inches.			

STATE OF OHIO, }
COUNTY OF CUYAHOGA, } ss.

John Newell, president, and Cyrus P. Leland, secretary, of the Northern Central Michigan Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JOHN NEWELL, President.
C. P. LELAND, Secretary

Subscribed and sworn to before me this 6th day of April, A. D. 1894.

[L. S.]

W. T. SMITH, Notary Public.

ANNUAL REPORT
OF THE
STURGIS, GOSHEN & ST. LOUIS RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 9, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JOHN NEWELL, Cleveland, O.
Secretary, CYRUS P. LELAND, Cleveland, O.
Treasurer, CYRUS P. LELAND, Cleveland, O.

DIRECTORS.

W. K. VANDERBILT, New York, N. Y.
C. VANDERBILT, New York, N. Y.
JNO. NEWELL, Chicago, Ill.
E. D. WORCESTER, New York, N. Y.
P. P. WRIGHT, CLEVELAND, O.
T. J. CHARLESWORTH, Toledo, O.
JOHN H. BATES, Goshen, Ind.

Terms expire when their successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: October 29, 1889.
Number of stockholders at date of last election: One (L. S. & M. S. R. R.)
Date of annual meeting of stockholders: First Wednesday in June.
Fiscal year of company ends December 31.
General offices of the company are located at Cleveland, O.

REMARKS.

The Sturgis, Goshen & St. Louis R. R. was acquired by the L. S. & M. S. R'y Co. as of Dec. 1, 1889.
The entire capital stock, \$1,000,000, was turned over to the L. S. & M. S. R'y Co., for which that company assumed the bonded debt, \$401,000—100 years 8% bonds, \$12,030 per annum. This was on the road from Sturgis to Goshen. Then the Michigan Central released to the L. S. & M. S. R'y Co. that portion of the Battle Creek & Sturgis R. R. from Sturgis to Findley upon the L. S. & M. S. R'y assuming its proportion of the bonded debt upon that road, \$79,000, assumed by L. S. & M. S. Michigan Central also turned over to L. S. & M. S. \$32,500 capital stock of Battle Creek & Sturgis R. R. to give L. S. & M. S. ownership of the road between Findley and Sturgis.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$2,000,000 00
Par value of shares	100 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
1st mortgage	3%	1899	New York City..	\$401,000 00

RECAPITULATION.

Total unfunded debt	\$401,000 00
Total debt liabilities	\$401,000 00
Amount of debt liabilities per mile of road, 28 miles	14,321 43

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$12,030 00
--	-------------

COST OF ROAD AND EQUIPMENT.

We have no books or data to enable us to answer this.

DESCRIPTION OF ROAD.

Date when road was opened for use between its present termini:

Don't know. Think in 1888.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	10.55	
Length completed in Indiana	25.28	
Total length completed	35.81	
Total length of road belonging to this company		35.81
Total length of road belonging to this company in Michigan	10.55	
Aggregate length of sidings, spurs and other tracks not above enumerated		2.55
Same in Michigan .....	.81	
Aggregate length of tracks belonging to this company computed as single track		38.86
Same in Michigan	11.36	
Gauge of track, 4 feet 8½ inches.		
Sturgis, Goshen & St. Louis—Sturgis to Goshen		28.28
Battle Creek & Sturgis—Findley to Sturgis		7.58

STATE OF OHIO, { ss.
COUNTY OF CUYAHOGA, {

John Newell, president, and Cyrus P. Leland, secretary, of the Sturgis, Goshen & St. Louis Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JOHN NEWELL, President.
C. P. LELAND, Secretary.

Subscribed and sworn to before me this 8th day of April, A. D. 1894.

[L. S.]

W. T. SMITH,
Notary Public.

ANNUAL REPORT
OF THE
LOWELL & HASTINGS RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 2, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

General Manager, M. L. SWEET, Grand Rapids, Mich.
Secretary and Treasurer, McGEORGE BUNDY, Grand Rapids, Mich.
Auditor and Traffic Manager, W. H. CLARK, Lowell, Mich.

DIRECTORS.

M. L. SWEET, Grand Rapids, Mich.
WM. WINEGAR.
McGEORGE BUNDY, Grand Rapids, Mich.
GEORGE H. TOXBURY.
One Vacancy.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 6, 1887.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 7.
Amount of full paid stock held in Michigan at same date: \$10,000.00.
Date of annual meeting of stockholders: June 3.
Fiscal year of company ends: Calendar year.
General offices of the company are located at Grand Rapids and Lowell.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$12,614 98
Total expenses, including taxes.....	\$12,188 45	
Net income.....		\$431 53
Balance for the year	\$431 53	
Balance (profit and loss) last year.....		2,405 35
Balance forward to next year.....		\$2,836 88

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$200,000 00
Par value of shares	\$100 00	
Amount paid in on common.....	\$10,000 00	
Amount paid in on shares not issued.....	10,000 00	
Total amount paid in, as per books of the company		\$10,000 00
Paid in per mile of road owned by company, 12.50 miles.....		800 00

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....		\$165,827 43
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		
Total unfunded debt.....		\$165,827 43

RECAPITULATION.

Total unfunded debt.....	\$165,827 43
Total debt liabilities.....	\$165,827 43
Amount of debt liabilities per mile of road, 12.50 miles.....	13,206 19
Total amount of stock and debt.....	175,827 43
Stock and debt per mile of road, 12.50 miles.....	14,066 19

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$175,827 43
Equipment account.....	
Other investments:	
Real estate.....	
Cash items:	
Cash.....	2,886 88
Total.....	\$178,664 31

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$10,000 00
Unfunded debt.....	165,827 43
Profit and loss or income accounts.....	2,886 88
Total.....	\$178,664 31

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment, real estate.....	\$175,827 43
Average cost per mile of road, not including sidings, 12.50 miles.....	14,066 19
Proportion of cost for Michigan.....	175,827 43

Purchased by present company.

Total cost to date of report.....	\$175,827 43
Average cost per mile of road, not including sidings, 12.50 miles.....	14,066 19
Proportion of cost for Michigan.....	175,827 43

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Main line:	
Extensions and new sidings.....	\$355 51
New buildings.....	280 00
New fences.....	100 00
Machinery and tools.....	50 00
Total charges.....	\$885 51
Total charges to property account as above.....	\$885 51
Net addition to property account.....	885 51

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:

Local fares.....	\$3,913 06	
Total passenger fares.....	\$3,913 06	
Express and baggage.....	210 50	
Mails.....	540 72	
Other sources.....	135 84	
Total passenger department earnings.....		\$4,799 62
Proportion for Michigan.....	\$4,799 62	
Per train mile.....	22	
Per mile of road.....	338 96	

FREIGHT EARNINGS.

Main line and branches:

Local traffic.....	\$7,815 36	
Total traffic.....	\$7,815 36	
Total freight department earnings.....		7,815 36
Proportion for Michigan.....	\$7,815 36	
Per train mile.....	35	
Per mile of road.....	625 23	
Total transportation earnings.....		\$12,614 93
Transportation earnings per mile of road.....	\$1,009 19	
Transportation earnings per train mile.....	57	
Total earnings from operation of road.....		\$12,614 98
Total earnings per mile of road.....	\$1,009 19	
Total earnings per train mile.....	57	
Proportion of taxable earnings for Michigan.....	12,614 98	
Total taxable earnings per mile of road in Michigan.....	1,009 19	
Total income from all sources.....		\$12,614 98
Proportion of income for Michigan.....		12,614 98

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	}	
Renewals of rails.....		
Renewals of ties.....		
Repairs of bridges, including culverts and cattle guards.....		\$2,680 03
Repairs of fences, road crossings and signs.....		
Repairs of buildings.....		
Total.....		\$2,680 03

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	}	
Repairs of passenger cars.....		\$771 99
Repairs of freight cars.....		
Total.....		\$771 99

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	}	\$1,579 62
Mixed train service and supplies.....		4,240 74
Personal injuries.....		
Agents and station service.....		2,601 40
Station supplies.....		
Total.....		\$8,421 76

GENERAL EXPENSES.

Salaries of the general officers of the company.....	}	\$309 67
Salaries of clerks in general offices.....		
Law expenses.....		
Insurance.....		
Stationery and printing.....		
Outside agencies and advertising.....		
Contingencies.....		
Taxes.....		
Total.....		\$309 67

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	22	\$2,680 08
Maintenance of motive power and cars.....	6	771 99
Conducting transportation.....	69	8,421 76
General expenses, including taxes.....	3	309 67
Total operating expenses and taxes.....	100	\$12,183 45
Operating expenses and taxes per mile of road.....		\$974 67
Operating expenses and taxes per train mile run for trains earning revenue, 22,000 miles.....		55
Proportion of operating expenses and taxes for Michigan.....		12,183 45
Percentage of expenses to earnings.....	96.57	
Net earnings per mile of road.....		\$4 52
Net earnings per train mile.....		2

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Lowell to Fruitport, December, 1887.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Lowell to Fruitport.....	12.50	
Total length completed.....		12.50
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	1.00	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		13.50
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	10	670

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

D. L. & N. E. R. R. at Elmdale.
D., G. H. & M. E. R. R. at Lowell.

At what crossings are interlocking and derailing switches in operation?

At Elmdale, D., L. & N.
At Lowell, D., G. H. & M.

What pattern or patterns have you adopted?

Gravitt at Elmdale.
Allentown at Lowell.

Number of crossings of highways at grade in this State..... 17

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
Yes.

How are they treated?
Blocked with wood and spiked.

Stations.

Number of stations on whole line.....	3
Same in Michigan.....	3

Employees.

Number of persons regularly employed on all roads operated by company, including officials	16
Same in Michigan	16
Classify your employees as per following list:	Number.
Brakemen	1
Conductors	1
Engineers	1
Firemen	1
Laborers	5
Shopmen	1
Others	6

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?	21
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
Barry county	1
Kent county	3
Total miles required	4

Road bed and track.

Number of track sections in Michigan	1
Average lengths of sections (miles)	12.50
Average number of men in each section gang	5
Number of new ties put in whole line during year	6,000
Number of new ties put in track in Michigan	6,000
Average number of new ties per mile of road	480

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 20 to 30 tons weight, exclusive of tender	2	\$6,000 00
Total	2	\$6,000 00
Number of combination cars—8-wheel, including official cars	1	8,000 00
Number of platform cars	5	1,500 00
Total	6	\$4,500 00
Number of locomotives equipped with power brakes	1	
Number of passenger train cars equipped with power brakes	1	

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Westinghouse.

How are your passenger cars heated?
Baker Heater.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by mixed trains	22,000
Total mileage of trains earning revenue	22,000

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried	19,500		
Total number of passengers carried	19,500		
Average distance traveled by each passenger		7	
Average amount received from each passenger			\$0 20
Average rate of fare per mile for local passengers			02.86
Average rate of fare per mile for all passengers			02.86

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried	16,250		
Total tons of freight carried	16,250		
Total freight mileage, or tons carried one mile		73,500	
Average ton haul for local freight		6	
Average ton haul for all freight		6	
Average amount received for each ton haul			30 48
Average rate per ton per mile, received for local freight			08
Average rate per ton per mile, received for all freight			08

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	2,110
Flour	3,945
Provisions (beef, pork, lard, etc.)	26
Animals	388
Other agricultural products	1,728
Lumber and forest products	4,006
Coal	1,126
Plaster, lime and cement	140
Salt	92
Stone, brick and sand	84
Manufactures—articles shipped from point of production	1,185
Merchandise and other articles not enumerated above	1,391
Total forwarded	16,250

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	2,110	12.98
Flour	3,945	24.27
Provisions (beef, pork, lard, etc.)	26	.16
Animals	388	2.39
Other agricultural products	1,728	10.63
Lumber and forest products	4,006	25.20
Coal	1,126	6.92
Plaster, lime and cement	140	.86
Salt	92	.56
Stone, brick and sand	84	.51
Manufactures—articles shipped from point of production	1,185	6.97
Merchandise and other articles not enumerated above	1,391	8.55
Total tons carried	16,250	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
 American Express. One and one-half and one and one-tenth first class freight rates. Takes freight at depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
 12¼ miles, belongs to this company.

STATE OF MICHIGAN, } ss.
 COUNTY OF KENT, }

I, McGeorge Bundy, secretary, of the Lowell & Hastings Railroad Company, being duly sworn depose and say that I have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of my knowledge and belief.

Signed,

McGEORGE BUNDY, Secretary.

Subscribed and sworn to before me this 1st day of May, A. D. 1894.

[L. S.]

ZNA SLATTON,
Notary Public, Kent county, Mich.

ANNUAL REPORT
OF THE
MANISTEE & GRAND RAPIDS RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed February 15, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JOHN CANFIELD, Manistee, Mich.
Vice President, LOUIS SANDS, Manistee, Mich.
Secretary, T. J. RAMSDELL, Manistee, Mich.
Auditor, E. N. SALLING, Manistee, Mich.
Treasurer, E. G. FILER, Manistee, Mich.
General Superintendent, W. H. HERBERT, Manistee, Mich.
Chief Engineer, E. W. MUENSCHER, Manistee, Mich.

DIRECTORS.

E. G. FILER, Manistee, Mich.
 E. N. SALLING, Manistee, Mich.
 JAMES DEMPSEY, Manistee, Mich.
 JOHN CANFIELD, Manistee, Mich.
 R. R. BLACKER, Manistee, Mich.
 LOUIS SANDS, Manistee, Mich.
 T. J. RAMSDELL, Manistee, Mich.
 Terms expire January 20, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 11, 1889.
 Number of stockholders at date of last election: 8.
 Number of stockholders in Michigan at same date: 8.
 Amount of full paid stock held in Michigan at same date: 50 shares.
 Date of annual meeting of stockholders: January 20.
 Fiscal year of company ends December 31.
 General offices of the company are located at Manistee, Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$31,295 18
Total expenses, including taxes	\$19,267 41	
Net income		\$15,027 75
Balance for the year		\$15,027 75
Balance (profit and loss) last year		\$1,114 61
Balance forward to next year		\$46,142 36

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,000,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	50	
Amount paid in on common.....		\$5,000 00
Amount paid in on shares not issued, number.....	4,480	422,950 00
Total amount paid in, as per books of the company.....		427,950 00
Paid in per mile of road owned by company, 27.98 miles.....		15,322 28

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt.....	\$427,950 00
Stock and debt per mile of road, 27.98 miles.....	15,322 28

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$356,410 77
Equipment account.....	53,458 94
Other investments:	
Real estate.....	18,387 70
Cash items:	
Cash.....	10,741 14
Other assets:	
Materials and supplies.....	\$14,589 28
Debit balances from companies and individuals.....	20,554 53
Total.....	\$5,143 81
	\$474,092 36

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$427,950 00
Profit and loss or income accounts.....	46,142 36
Total.....	\$474,092 36

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$409,869 71
Average cost per mile of road, not including sidings, 27.98 miles.....	14,819 68
Proportion of cost for Michigan.....	100 per cent

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$31,801 31	
Other sources.....	2,498 85	
Total freight department earnings.....		\$34,295 16
Proportion for Michigan.....	\$34,295 16	
Per train mile.....	4 48	
Per mile of road.....	1,227 89	
Total transportation earnings.....		\$34,295 16
Transportation earnings per mile of road.....	\$1,227 89	
Transportation earnings per train mile.....	4 48	
Total earnings from operation of road.....		\$34,295 16
Total income from all sources.....		\$34,295 16
Proportion of income for Michigan.....		100 per cent

ANALYSIS OF EXPENSES.

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$1,637 49
Salaries of clerks in general offices.....	720 00
Total.....	\$2,357 49

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	100.00	\$19,267 41
Maintenance of motive power and cars.....		
Conducting transportation.....		
Total operating expenses and taxes.....	100.00	\$19,267 41
Operating expenses and taxes per mile of road.....		\$689 84
Operating expenses and taxes per train mile run for trains earning revenue, 76.40 miles.....		2 52
Proportion of operating expenses and taxes for Michigan.....	100.00	
Total proportion of expenses for Michigan.....	100.00	
Percentage of expenses to earnings.....	54.00	
Net earnings per mile of road.....		538 05
Net earnings per train mile.....		1 96

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Manistee to West Michigan Junction, December 20, 1892.

MAIN LINE.

	Miles.
In Michigan, from Manistee to West Michigan Junction.....	27 98
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	10.22
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	38.15

Gauge of track, 4 feet 8½ inches.

Proprietary or leased roads operated by this company.

Name and description: Manistee & Grand Rapids R. R.	Total miles. In Michigan.
Give date road commenced to be built: December 18, 1889.	
Give date road completed: May 1, 1893.	
Give date road commenced to be operated: August, 1891.	
State where built from and to: Manistee to West Michigan Junction.	
Give exact number of miles.....	27.98
State if north of parallel 44 of latitude: It is.	
Total miles operated by the company.....	27.98

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Combination bridges.....	2	
Wooden trestles.....	2	108
Total.....	4	108

Crossings—railroad and highway.

What railroads cross your road either over or under your grade in this State, and where?

Under—

Flint & Pere Marquette R. R., at Stronach, near Junction.

Number of crossings of highways at grade in this State: 14.

Are your frogs and guard rails blocked as required by act 174, session laws 1894?
Yes.

How are they treated?
Steel filled.

Stations.

Number of stations on whole line 2

Employees.

Classify your employees as per following list:

Number.

Brakemen	4
Conductors	2
Engineers	2
Firemen	2
Shopmen	3
Yardmen	2
Others	12

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you:
Estimated 10 miles.

Give the number of miles required to complete fence both sides of your track in Michigan,
and the counties in which needed 45.96

Road bed and track.

Number of track sections in Michigan	3
Average lengths of sections, miles	9
Average number of men in each section gang	4
Total miles of track laid with new rails	All

ROLLING STOCK.

Present, esti-
Number, mated value.

Number of locomotives of more than 30 tons weight, exclusive of tender	2	\$16,260 00
Total	2	\$16,260 00

Number of box freight cars	4	1,940 00
Number of platform cars	90	\$3,308 94
Number of conductors' way cars	2	1,950 00
Total	96	\$53,458 94

Number of locomotives equipped with power brakes 2

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of
1885?
Yes.

What pattern or patterns have you adopted for use?
Janney.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by freight trains during the year	7,640
Total mileage of trains earning revenue	7,640

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried	84,321	18	\$0 40.5
Total tons of freight carried	84,321		
Total freight mileage, or tons carried one mile		1,517,778	
Average ton haul for local freight		18	
Average ton haul for all freight		18	
Average amount received for each ton haul			\$0 40.5
Average rate per ton per mile, received for local freight			02.2
Average rate per ton per mile, received for all freight			02.2

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	} 249
Flour	
Provisions (beef, pork, lard, etc.)	
Lumber and forest products	84,072
Total forwarded	<u>84,321</u>

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	} 249	
Flour		
Provisions (beef, pork, lard, etc.)		
Lumber and forest products	84,072	
Total tons carried	<u>84,321</u>	<u>100.00</u>

STATE OF MICHIGAN, } ss.
COUNTY OF MANISTEE, }

John Canfield, president, and E. N. Salling, auditor, of the Manistee & Grand Rapids Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

JOHN CANFIELD, *President.*
E. N. SALLING, *Auditor.*

Subscribed and sworn to before me this 13th day of February, A. D. 1899.

[L. S.]

C. C. YOUNG, *Notary Public.*

ANNUAL REPORT
OF THE
MANISTEE & NORTHEASTERN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 11, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, EDWARD BUCKLEY, Manistee, Mich.
Vice President, WM. DOUGLAS, Manistee, Mich.
Secretary, W. J. LAW, Manistee, Mich.
Auditor, ROBERT PARTEOUS, Manistee, Mich.
Treasurer, W. J. LAW, Manistee, Mich.
General Manager, EDWARD BUCKLEY, Manistee, Mich.
General Superintendent, WM. DOUGLAS, Manistee, Mich.
Assistant General Superintendent, EDWARD McFADGEN, Manistee, Mich.
Chief Engineer, J. J. HUBBELL, Manistee, Mich.
General Passenger Agent, F. A. MITCHELL, Manistee, Mich.
General Freight Agent, F. A. MITCHELL, Manistee, Mich.

DIRECTORS.

EDWARD BUCKLEY, Manistee, Mich.
 WM. DOUGLAS, Manistee, Mich.
 WM. J. LAW, Manistee, Mich.
 CHAS. G. WILSON, Manistee, Mich.
 T. J. ELTON, Manistee, Mich.

Terms expire January 7, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Jan. 12, 1897.

Number of stockholders at date of last election: 7.

Number of stockholders in Michigan at same date: 7.

Date of annual meeting of stockholders: January 7.

Fiscal year of company ends December 31.

General offices of the company are located at Manistee, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$204,649 84
Total expense, including taxes	\$120,826 14	
Net income		\$83,823 20
Interest on unfunded debt	\$4,557 04	
Balance for the year		\$79,266 16
Balance (profit and loss) last year	\$68,457 83	
Balance forward to next year		\$10,808 78

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$2,000,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	20,000	
Amount paid in on common.....	\$1,721,190 25	
Total amount paid in, as per books of the company.....		\$1,721,190 25
Paid in per mile of road owned by company, 86.48 miles.....		19,902 76

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For miscellaneous.....	To be paid.....	\$19,651 21
For current balances.....		

RECAPITULATION.

Total unfunded debt.....	\$19,651 21
Total debt liabilities.....	\$19,651 21
Amount of debt liabilities per mile of road, 86.48 miles.....	227 23
Total amount of stock and debt.....	1,740,841 46
Stock and debt per mile of road, 86.48 miles.....	20,129 99

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$1,540,959 02	
Equipment account.....	180,231 23	
		\$1,721,190 25
Other investments:		
Manistee driving park stock.....	\$1,750 00	
North side park stock.....	250 00	
		2,000 00
Cash items:		
Cash.....	\$2,181 13	
Due from agents.....	1,644 80	
		3,775 93
Other assets:		
Materials and supplies.....	\$32,443 00	
Debit balances from companies and individuals.....	2,241 06	
		24,684 06
Total.....		\$1,751,650 24

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$1,721,190 25
Unfunded debt:	
Vouchers and accounts, pay rolls.....	19,651 21
Profit and loss or income accounts.....	10,808 78
Total.....	\$1,751,650 24

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$1,721,190 25
Average cost per mile of road, not including sidings, 86.48 miles.....	19,902 76
Proportion of cost for Michigan.....	19,902 76

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$45,296 51	
Through fares.....	8,282 04	
Total passenger fares.....	\$53,578 55	
Express and baggage.....	1,808 01	
Mails.....	4,858 24	
Other sources.....	296 10	
Total passenger department earnings.....		\$59,507 90
Proportion for Michigan.....	\$59,507 90	
Per train mile.....	56	
Per mile of road.....	815 04	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$136,670 98	
Through traffic.....	7,889 85	
Total traffic.....	\$144,060 83	
Total freight department earnings.....		144,060 83
Proportion for Michigan.....	\$144,060 83	
Per train mile.....	1 75	
Per mile of road.....	1,973 43	
Total transportation earnings.....		\$208,568 23
Transportation earnings per mile of road.....	\$2,358 98	
Transportation earnings per train mile.....	1 08	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From telegraph.....		1,081 11
Total.....		\$204,649 34
Total earnings from operation of road.....		\$204,649 34
Total earnings per mile of road.....	2,366 48	
Total earnings per train mile.....	1 08	
*Proportion of taxable earnings for Michigan.....	177,518 32	
Total taxable earnings per mile of road in Michigan.....	2,052 66	
Total income from all sources.....	204,649 34	
Proportion of income for Michigan.....	204,649 34	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$16,563 11
Renewals of ties.....	1,047 20
Repairs of bridges, including culverts and cattle guards.....	97 84
Repairs of fences, road crossings and signs.....	138 69
Repairs of buildings.....	655 97
Total.....	\$18,502 81

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$9,694 29
Repairs of passenger cars.....	2,713 19
Repairs of freight cars.....	6,584 29
Total.....	\$19,001 77

* See supplementary report of earnings of road built and operated north of parallel 44 of latitude, which in accordance with the public acts of 1891, is exempt from taxation, and earnings of said road north of parallel 44 are deducted from total earnings of the whole road.

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$16,284 80
Water supply.....	918 23
Oil and waste.....	1,922 55
Locomotive service.....	13,524 70
Passenger train service.....	4,603 00
Passenger train supplies.....	279 36
Mileage of passenger cars.....	20 00
Freight train service.....	7,998 00
Freight train supplies.....	294 11
Mileage of freight cars.....	783 50
Telegraph expenses (maintenance and operating).....	3,008 88
Damage and loss of freight and baggage.....	193 81
Damages to property and cattle.....	326 00
Personal injuries.....	121 90
Agents and station service.....	13,179 56
Station supplies.....	1,589 73
Total.....	\$85,048 13

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$5,179 05
Salaries of clerks in general offices.....	4,590 01
Law expenses.....	1,287 65
Insurance.....	1,243 70
Stationery and printing.....	1,684 91
Outside agencies and advertising.....	429 81
Contingencies.....	1,812 82
Taxes.....	2,545 68
Total.....	\$18,273 43

RECAPITULATION OF EXPENSES.

	Percent of expenses.	
Maintenance of way and buildings.....	15.32	\$18,502 81
Maintenance of motive power and cars.....	15.72	19,001 77
Conducting transportation.....	58.54	65,048 13
General expenses, including taxes.....	15.12	18,273 43
Total operating expenses and taxes.....	100.00	\$120,826 14
Operating expenses and taxes per mile of road, 86.48.....		\$1,397 15
Operating expenses and taxes per train mile run for trains earning revenue, 188,456 miles.....		64
Proportion of operating expenses and taxes for Michigan, main line.....		120,826 14
Total proportion of expenses for Michigan.....		120,826 14
Percentage of expenses to earnings.....	59	
Net earnings per mile of road.....		969 28
Net earnings per train mile.....		44

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Manistee, Mich., to *Traverse City, Mich., July 1, 1892.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Manistee to Traverse City.....	69.76	
Total length completed.....		69.76

BRANCHES.

Onokama, from Onokama Junction to Onokama, Mich.....	2.71
Bear Creek, from Bear Creek to Canfield Camp, Mich.....	8.00
Twin Lake, from Twin Mountain to Bendon, Mich.....	8.50
Manistee River, from Manistee to Manistee Harbor, Mich.....	1.51
Total length of branches owned by company.....	16.72

* Line opened as follows:

From main line, Manistee to Onokama, Mich., January 14, 1889.

"Peters Camp," May 1, 1890.

Lake Ann, October 13, 1890.

Traverse City, July 1, 1892.

	Miles.	Miles.
Total length of branches owned by company in Michigan	16.72	
Total length of road belonging to this company		86.48
Total length of road belonging to this company in Michigan	86.48	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated		15.00
Aggregate length of tracks in Michigan belonging to this company, computed as single track		101.48

Gauge of track, 4 feet 8½ inches.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	14	600
Total	14	600

Draw bridges in Michigan.

How many on your line? 1.

Where located, when built, and length of draw span:

At Manistee, Mich., over the Manistee river; built in 1883; draw span 160 ft.

Character of structure:

Howe truss.

Material of which constructed:

Wood and iron.

Height above water, and depth of water under bridge:

12, 14 feet.

How swung, by engine or hand power:

Hand power.

Approaches straight or curved:

Curved.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes, by Gravit derailing semaphore.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Flint & Pere Marquette at Manistee.

Chicago & West Michigan at Manistee Crossing.

Toledo, Ann Arbor & N. M. at Copenish.

Chicago & West Michigan at Interlochen.

" " " Bear Creek branch crossing.

" " " Traverse City.

At what crossings are interlocking and derailing switches in operation?

Flint & Pere Marquette at Manistee.

Chicago & West Michigan at Manistee Crossing.

" " " Interlochen.

" " " Bear Creek Branch crossing.

What pattern or patterns have you adopted?

Gravit.

Number of crossings of highways at grade in this State: 60.

Number of crossings at which there are electric or automatic signals: 1.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Mostly wood; some with steel.

Stations.

Number of stations on whole line:

14 regular and 7 flag stations.

Employees.

Classify your employ  s as per following list:

	Number.
Baggageman	3
Brakemen	11
Conductors	7
Engineers	7
Firemen	7
Laborers	50
Shopmen	15
Yardmen	3
Others	56

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	59
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
Manistee	45
Benzle	11
Grand Traverse	22
Leelanaw	15
Total miles required	93

Road bed and track.

Number of track sections in Michigan	10
Average lengths of sections, miles	7
Average number of men in each section gang	4
Number of new ties put in whole line during the year	6,800
Number of new ties put in track in Michigan	6,800
Average number of new ties per mile of road	93

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	1,100
--	-------

New bridges built during the year--number. 1:

Location.	Kind.	Material.	Month built.	Feet in length.
Twin Lake branch, across the Betsey river..	Pile	Wood.....	May.....	100

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	8	\$49,920 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	1	4,800 00
Total	9	\$54,720 00
Number of passenger cars--8-wheel, including official cars	5	\$19,882 00
Number of express and baggage cars	2	3,579 00
Number of box freight cars	8	3,151 00
Number of platform cars	275	92,098 00
Number of conductors' way cars	4	1,944 00
Other cars as follows:		
Snow plow	1	682 00
Total	295	\$176,056 00
Number of locomotives equipped with power brakes	9	
Number of passenger train cars equipped with power brakes	7	
Number of freight cars equipped with power brakes	1	

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 Westinghouse air brake, 7 engines.
 American steam brake, 2 engines.
 Box cars, Westinghouse air brake 1.
 Passenger cars, Westinghouse air brake 7.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1893?
Yes.

What pattern or patterns have you adopted for use?
Dowling M. C. B. and Gould draw head and coupler.

How are your passenger cars heated?
Combination Baker heater with McElroy steam heat, Consolidated Heating Co's system.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	100,900
Miles run by freight trains during the year	76,880
Miles run by mixed trains.....	10,728
Total mileage of trains earning revenue.....	188,456

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	11,461		
Number of local passengers carried.....	95,994		
Total number of passengers carried.....	107,455		
Total passenger mileage.....		2,322,939	
Average distance traveled by each passenger.....		21	
Average amount received from each passenger.....			\$0 50
Average rate of fare per mile for through passengers.....			02.09
Average rate of fare per mile for local passengers.....			02.35
Average rate of fare per mile for all passengers.....			02.30

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	10,945		
Number of tons of local freight carried.....	288,051		
Total tons of freight carried.....	298,996		
Total mileage of through freight.....		278,024	
Total mileage of local freight.....		7,398,410	
Total freight mileage, or tons carried one mile.....		7,576,434	
Average ton haul for through freight.....		25.40	
Average ton haul for local freight.....		25.38	
Average ton haul for all freight.....		25.34	
Average amount received for each ton haul.....			\$0 48.18
Average rate per ton per mile received for through freight.....			02.65
Average rate per ton per mile received for local freight.....			01.87
Average rate per ton per mile received for all freight.....			01.90

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	858
Flour.....	497
Provisions (beef, pork, lard, etc.).....	276
Animals.....	292
Other agricultural products.....	1,569
Lumber and forest products.....	275,719
Coal.....	225
Plaster, lime and cement.....	135
Salt.....	244
Petroleum.....	224
Railroad iron, iron and steel rails.....	72
Other iron and castings.....	534
Stone, brick and sand.....	432
Manufactures—articles shipped from point of production.....	3,062
Merchandise and other articles not enumerated above.....	3,909
Total forwarded.....	288,051

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	925	.31
Flour.....	927	.31
Provisions (beef, pork, lard, etc.).....	351	.12
Animals.....	425	.14
Other agricultural products.....	3,108	1.04
Lumber and forest products.....	283,235	94.41
Coal.....	233	.08
Plaster, lime and cement.....	269	.09
Salt.....	317	.10
Petroleum.....	320	.10
Railroad iron, iron and steel rails.....	142	.05
Other iron and castings.....	674	.23
Ores.....	1	-----
Stone, brick and sand.....	483	.14
Manufactures—articles shipped from point of production.....	3,610	1.21
Merchandise and other articles not enumerated above.....	4,987	1.67
Total tons carried.....	298,996	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co.

On merchandise we are allowed 1½ our first class freight rate. On produce 1 1-10 our first class freight rate.

A general transportation business same as any other railroad. At the depot.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong? Miles.

Manistee & Northeastern R. R. Co. 76

TRANSPORTATION COMPANIES.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
American Refrigerator Transit Co.....	Chicago, Ill.	\$0 90
Burton Stock Car Co.....	Chicago, Ill.	1 23
Blue Line.....	Rochester, N. Y.	29 79
Canada Southern Line.....	Rochester, N. Y.	10 20
Canadian Pacific Despatch.....	Montreal, Can.	30
Erie Despatch.....	Indianapolis, Ind.	15
Empire Line.....	Philadelphia, Pa.	1 91
Great Eastern Line.....	Montreal, Can.	9 72
Merchants' Des. Trans. Co.....	New York City, N. Y.	21 04
Midland Line.....	Buffalo, N. Y.	1 74
National Despatch Co.....	St. Albans, Vt.	10 01
North West Despatch.....	Detroit, Mich.	6 62
Southern Despatch Lumber Line.....	Louisville, Ky.	90
Streets Stable Car Line.....	Chicago, Ill.	1 08
Red Line.....	New York City, N. Y.	4 56
Union Tank Line.....	Pittsburg, Pa.	30
White Line.....	Buffalo, N. Y.	67
Total.....		101 27

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

April 4, J. William Shackleton, Manistee Crossing. Falling from caboose car of moving freight train between said caboose car and flat car in descending from cupola of caboose with intention of going into station office at Manistee Crossing for train orders.

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year 1
Number resulting from lack of caution, carelessness, or misconduct 1

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Conductors.....	1	.....	1

STATE OF MICHIGAN, } ss.
COUNTY OF MANISTEE, }

Edward Buckley, president, and William J. Law, secretary, of the Manistee & Northeastern Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

EDWARD BUCKLEY.
WILLIAM J. LAW.

Subscribed and sworn to before me this 10th day of May, A. D. 1894.

[L. S.]

T. J. ELTON,
Notary Public.

ANNUAL REPORT
OF THE
*MANISTEE & NORTHEASTERN RAILROAD COMPANY
(SUPPLEMENTARY).

For the year ending December 31, 1893.

[Filed May 11, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

The same as Manistee & Northeastern.

DIRECTORS.

The same as Manistee & Northeastern.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

See general report for Manistee & Northeastern.

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$10,998 68	
Through fares.....	1,086 73	
Total passenger fares.....	\$12,085 41	
Express and baggage.....	193 58	
Mails.....	1,077 89	
Total passenger department earnings.....		\$13,351 88
Proportion for Michigan.....	\$13,331 88	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$13,508 53	
Through traffic.....	295 61	
Total traffic.....	\$13,804 14	
Total freight department earnings.....		13,804 14
Proportion for Michigan.....	\$13,804 14	
Total transportation earnings.....		\$27,156 02

* For 17.36 miles, Lake Ann to Traverse City and north of parallel 44 of latitude, which under Act No. 174 of Session Laws of 1891 are exempt from taxation.

DESCRIPTION OF ROAD.

Name and description.

Give date road commenced to be built:
October 1, 1891.

Give date road completed:
July 1, 1892.

Give date road commenced to be operated:
July 1, 1892.

State where built from and to:
Lake Ann to Traverse City, Mich.

Give exact number of miles:
17.86 miles.

State if north of parallel 44 of latitude:
Yes.

STATE OF MICHIGAN, } ss.
COUNTY OF MANISTEE, }

Edward Buckley, president, and William J. Law, secretary, of the Manistee & Northeastern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1892, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

EDWARD BUCKLEY, *President.*
WILLIAM J. LAW, *Secretary.*

Subscribed and sworn to before me this 10th day of May, A. D. 1894.

[L. S.]

T. J. ELTON,
Notary Public.

ANNUAL REPORT
OF THE
MANISTIQUE RAILWAY COMPANY.

For the year ending December 31, 1898.

[Filed March 28, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, M. S. SMITH, Detroit, Mich.
Vice President, LEWIS A. HALL, Bay Mills, Mich.
Secretary, J. C. McCAUL, Detroit, Mich.
Auditor, G. H. STALKER, Detroit, Mich.
Treasurer, J. C. McCAUL, Detroit, Mich.
General Superintendent, JOHN MILLEN, Black River, Mich.
General Passenger Agent, J. F. CHISHOLM, Seney, Mich.

DIRECTORS.

R. A. ALGER, Detroit, Mich.
M. S. SMITH, Detroit, Mich.
J. C. McCAUL, Detroit, Mich.
LEWIS A. HALL, Bay Mills, Mich.
R. K. HAWLEY, Cleveland, O.
G. H. STALKER, Detroit, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: September 18, 1886, articles amended October 21, 1889.
Fiscal year of company ends: December 31.
General offices of the company are located at Detroit, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$74,419 22
Total expenses, including taxes.....	\$46,429 37	
Net income		\$27,989 85
Interest on unfunded debt.....	\$6,474 76	
Balance applicable to dividends.....		\$21,515 09
Balance for the year.....		\$21,515 09
Balance (profit and loss) last year.....		127,275 95
Balance forward to next year.....		\$148,791 04

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$500,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	1,500	
Amount paid in on common.....	\$150,000 00	
Total amount paid in, as per books of the company		150,000 00
Paid in per mile of road owned by company, miles, 50.5		2,970 29

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

Total unfunded debt.....	\$130,554 12
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RECAPITULATION.

Total unfunded debt.....	\$130,554 12
Total debt liabilities	\$130,554 12
Amount of debt liabilities per mile of road, 50.5 miles.....	2,585 23
Total amount of stock and debt.....	\$230,554 12
Stock and debt per mile of road, 50.5 miles	5,555 52

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$352,068 75
Equipment account.....	71,837 21
Cash items:	
Cash.....	\$2,913 86
Other assets:	
Materials and supplies.....	\$2,211 66
Debit balances from companies and individuals.....	293 68
	2,505 34
Total.....	\$429,845 16

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$150,000 00
Unfunded debt:	
Notes payable.....	\$5,381 56
Vouchers and accounts.....	124,722 56
	130,554 12
Profit and loss or income accounts.....	148,791 04
Total.....	\$429,845 16

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$423,925 96
Average cost per mile of road, not including sidings, 50.5 miles.....	8,394 57
Proportion of cost for Michigan:	
All.....	

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$23,497 29
Total.....	\$23,497 29
Net addition to property account.....	23,497 29

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares.....	\$2,355 34
Total passenger department earnings	\$2,355 34
Proportion for Michigan.....	\$2,355 34
Per train mile	04
Per mile of road	46 64

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$72,063 88	
Total freight department earnings		\$72,063 88
Proportion for Michigan	\$72,063 88	
Per train mile	1 31	
Per mile of road	1,427 00	
Total transportation earnings		\$74,419 22
Transportation earnings per mile of road		\$1,473 64
Transportation earnings per train mile		1 35
Total earnings from operation of road		74,419 22
Total earnings per mile of road		1,473 65
Total earnings per train mile		1 34
Proportion of taxable earnings for Michigan		74,419 22
Total taxable earnings per mile of road in Michigan		1,473 64
Total income from all sources		74,419 22
Proportion of income for Michigan: All.		

ANALYSIS OF EXPENSES.

GENERAL EXPENSES.

Law expenses	\$33 80
Stationery and printing	19 25
Contingencies	241 98
Taxes	1,715 53
Total	\$2,060 51

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	26.68	\$12,362 26
Maintenance of motive power and cars	15.40	7,150 51
Conducting transportation	58.53	24,866 09
General expenses, including taxes	4.44	2,060 51
Total operating expenses and taxes	100.00	\$46,429 37
Operating expenses and taxes per mile of road, 50.5 miles	\$919 39	
Operating expenses and taxes per train mile run for trains earning revenue, 55,000 miles	84	
Proportion of operating expenses and taxes for Michigan, main line		46,429 37
Total proportion of expenses for Michigan		46,429 37
Percentage of expenses to earnings	63%	
Net earnings per mile of road		554 25
Net earnings per train mile		51

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Germfask to Grand Marais, October 15, 1898.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Germfask to Grand Marais		38.50

BRANCHES.

From Grand Marais Junction to Baker's camp	12.00	
Total length of branches owned by company		12.00
Total length of branches owned by company in Michigan	12.00	
Total length of road belonging to this company		50.50
Total length of road belonging to this company in Michigan	50.50	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	6.75	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		57.25
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	1	125
Combination bridges.....	1	300
Total.....	2	425

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

D., S. S. & A. R. R. at Seney.

At what crossings are interlocking and derailing switches in operation?
Seney.

What pattern or patterns have you adopted?
Gravit.

Number of crossings of highways at grade in this State..... 5

Are your frogs and guard rails blocked as required by act 174, session laws 1884?
Yes.

How are they treated?
Bolted and blocked with 2 inch plank.

Stations.

Number of stations on whole line.....	2
Same in Michigan.....	2

Employees.

Number of persons regularly employed on all roads operated by company, including officials..... 42
Same in Michigan..... 42

Classify your employees as per following list:

	Number.
Brakemen.....	6
Conductors.....	3
Engineers.....	8
Firemen.....	3
Laborers.....	20
Shopmen.....	5
Yardmen.....	1
Others.....	1

REPAIRS AND RENEWALS.

Road bed and track.

Number of track sections in Michigan.....	6
Average lengths of sections, miles.....	8.4
Average number of men in each section gang.....	8
Number of new ties put in whole line during the year.....	40,000
Number of new ties put in track in Michigan.....	40,000
Average number of new ties per mile of road.....	792

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	3	\$22,686 48
Total.....	3	\$22,686 48
Number of platform cars.....	95	\$33,598 43
Number of conductors' way cars.....	3	1,627 00
Other cars as follows:		
Log cars.....	40	8,420 75
Total.....	138	\$43,641 18
Number of locomotives equipped with power brakes.....		3

What patterns of power brakes have you in use, and number of locomotives and cars with each?
American on three locomotives.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by mixed trains.....	55,000
Total mileage of trains earning revenue.....	55,000

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried.....	8,545		
Total number of passengers carried.....	8,545		
Total passenger mileage.....		70,900	
Average distance traveled by each passenger.....		20	
Average amount received from each passenger.....			\$0 66.0
Average rate of fare per mile for local passengers.....			08.3
Average rate of fare per mile for all passengers.....			08.3

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried.....	150,857		
Total tons of freight carried.....	150,857		
Total mileage of local freight.....		55,000.00	
Total freight mileage, or tons carried one mile.....		3,302,205.00	
Average ton haul for local freight.....		21.58	
Average amount received for each ton haul.....			\$0 48
Average rate per ton per mile, received for local freight.....			02.2
Average rate per ton per mile received for all freight.....			02.2

Freight forwarded at Michigan stations.

	Forwarded, tons.
Lumber and forest products.....	149,250
Lumbermen's supplies.....	1,607
Total forwarded.....	150,857

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Lumber and forest products.....	149,250	98.98
Lumbermen's supplies.....	1,607	1.07
Total tons carried.....	150,857	100.00

STATE OF MICHIGAN, }
COUNTY OF WAYNE, } ss.

M. S. Smith, president, and J. C. McCaul, secretary, of the Manistique Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. S. SMITH, President.
J. C. MCCAUL, Secretary.

Subscribed and sworn to before me this 27th day of March, A. D. 1894.

[L. S.]

G. H. STALKER,
Notary Public.

ANNUAL REPORT
OF THE
MASON & OCEANA RAILROAD COMPANY.

For the year ending December 31, 1892.

[Filed March 16, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, M. F. BUTTERS, Ludington, Mich.
Vice President, GEO. N. STRAY, Ludington, Mich.
Secretary, J. H. LYONS, Ludington, Mich.
Treasurer, HORACE BUTTERS, Ludington, Mich.
General Superintendent, M. McDERMOTT, Buttersville, Mich.
Chief Engineer, OTPO WREGE, Buttersville, Mich.

DIRECTORS.

M. F. BUTTERS, Ludington, Mich.
G. N. STRAY, Ludington, Mich.
J. H. LYONS, Ludington, Mich.
H. BUTTERS, Ludington, Mich.
M. McDERMOTT, Ludington, Mich.
Terms expire January 9, 1893.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: August 9, 1886.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 5.
Amount of full paid stock held in Michigan at same date: \$150,000.00.
Date of annual meeting of stockholders: Second Monday in January.
Fiscal year of company ends December 31.
General offices of the company are located at Ludington, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$19,918 92
Total expenses, including taxes	\$19,872 84	
Net income		\$246 08
Interest on unfunded debt	\$246 08	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$150,000 00
Par value of shares	\$100 00
Number of shares issued	1,500
Amount paid in on common	\$150,000 00
Total amount paid in as per books of the company	\$150,000 00
Paid in per mile of road owned by company	5,555 55

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded, or how liquidated?	Amount.
For construction.....		\$50,000 00
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		
Total unfunded debt.....		\$50,000 00

RECAPITULATION.

Total unfunded debt.....	\$50,000 00
Total debt liabilities.....	\$50,000 00
Amount of debt liabilities per mile of road, 27 miles.....	1,851 85
Total amount of stock and debt.....	200,000 00
Stock and debt per mile of road, 27 miles.....	7,407 50

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$145,000 00	
Equipment account.....	50,000 00	
		\$195,000 00
Other assets:		
Materials and supplies.....		5,000 00
Total.....		\$200,000 00

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$150,000 00
Other liabilities (list as follows):	
Butters & Peters Salt and Lumber Co.....	50,000 00
Total.....	\$200,000 00

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$195,000 00
Average cost per mile of road, not including sidings (27 miles).....	7,232 22
Proportion of cost for Michigan.....	7,232 22

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$3,180 58	
Total passenger fares.....	\$3,180 58	
Mails.....	1,284 96	
Total passenger department earnings.....		\$4,425 52
Proportion for Michigan.....	\$4,425 52	
Per train mile.....	24	
Per mile of road.....	183 90	

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$15,493 40
Total freight department earnings.....	\$15,493 40
Proportion for Michigan.....	\$15,493 40
Per train mile.....	77
Per mile mile of road.....	573 83
Total transportation earnings.....	\$19,918 92
Transportation earnings per mile of road.....	\$737 73
Transportation earnings per train mile.....	52
Total earnings from operation of road.....	19,918 92
Total earnings per mile of road.....	737 73
Total earnings per train mile.....	52
Proportion of taxable earnings for Michigan.....	19,918 92
Total taxable earnings per mile of road in Michigan.....	737 73
Total income from all sources.....	19,918 92
Proportion of income for Michigan.....	19,918 92

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$2,200 00
Renewals of ties.....	1,000 00
Repairs of bridges, including culverts and cattle guards.....	150 00
Repairs of fences, road crossings and signs.....	250 00
Repairs of buildings.....	100 00
Total.....	\$3,700 00

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$3,000 00
Repairs of passenger cars.....	100 00
Repairs of freight cars.....	1,400 00
Total.....	\$3,500 00

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$3,000 00
Water supply.....	200 00
Oil and waste.....	800 00
Locomotive service.....	2,400 00
Passenger train service.....	1,800 00
Passenger train supplies.....	50 00
Freight train service.....	3,000 00
Telegraph expenses (maintenance and operating).....	50 00
Damage and loss of freight and baggage.....	100 85
Damages to property and cattle.....	50 00
Personal injuries.....	100 00
Station supplies.....	50 00
Total.....	\$11,708 85

GENERAL EXPENSES.

Taxes.....	\$764 19
Total.....	\$764 19

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$3,700 00
Maintenance of motive power and cars.....	3,500 00
Conducting transportation.....	11,708 85
General expenses, including taxes.....	764 19
Total operating expenses and taxes.....	\$19,672 84
Operating expenses and taxes per mile of road.....	\$728 99
Operating expenses and taxes per train mile run for trains earning revenue.....	51.77
Proportion of operating expenses and taxes for Michigan.....	19,672 84
Percentage of expenses to earnings.....	98.7
Net earnings per mile of road.....	12 77
Net earnings per train mile.....	09

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

January 20, 1888.

MAIN LINE.

In Michigan, from Buttersville to Stetson.....	Miles. 27
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BRANCHES.

Sidings and logging branches in woods.

Total length of road belonging to this company in Michigan.....	27
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	10
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	37

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	3	450
Total.....	3	450

Crossings—railroad and highway.

Number of crossings of highways at grade in this State.....	12
---	----

Stations.

Number of stations on whole line.....	6
Same in Michigan.....	6

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	50
Same in Michigan.....	50

Classify your employees as per following list:

	Number.
Brakemen.....	12
Conductors.....	1
Engineers.....	7
Firemen.....	7
Laborers.....	17
Shopmen.....	4
Yardmen.....	2

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	20
---	----

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed.....	7
---	---

Road bed and track.

Number of track sections in Michigan.....	4
Average lengths of sections, miles.....	7
Average number of men in each section gang.....	4
Number of new ties put in whole line during the year.....	4,000
Number of new ties put in track in Michigan.....	4,000
Average number of new ties per mile of road.....	148

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	2	\$6,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	3	10,000 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2	2,000 00
Total	7	\$18,000 00
Number of passenger cars—8-wheel including official cars	1	500 00
Number of express and baggage cars	1	800 00
Number of box freight cars	2	100 00
Number of ore cars	60	6,000 00
Number of conductors' way cars	175	35,000 00
Other cars	5	100 00
Total	251	\$50,000 00

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Racket hand chain wheel.

Are your freight cars being equipped with automatic couplers as required by act No. 147,
session laws of 1885?
No.

What pattern or patterns have you adopted for use?
Link and pin.

How are your passenger cars heated?
Coal heater.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	18,000
Miles run by freight trains during the year	20,000
Total mileage of trains earning revenue	38,000

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried	8,000		
Total number of passengers carried	8,000		
Total passenger mileage		104,000	
Average distance traveled by each passenger		13	
Average amount received from each passenger			\$0 39
Average rate of fare per mile for local passengers			03
Average rate of fare per mile for all passengers			03

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried	40,000		
Total tons of freight carried	40,000		
Total mileage of local freight		20,000	
Total freight mileage, or tons carried one mile		120,000	
Average ton haul for local freight		20	
Average ton haul for all freight		20	
Average amount received for each ton haul			\$0 38
Average rate per ton per mile, received for local freight			02
Average rate per ton per mile, received for all freight			02

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	300
Flour	75
Provisions (beef, pork, lard, etc.)	100
Animals	25
Other agricultural products	10
Lumber and forest products	39,120
Coal	20
Plaster, lime and cement	5
Salt	5
Petroleum	5
Railroad iron, iron and steel rails	10
Other iron and castings	10
Stone, brick and sand	15
Merchandise and other articles not enumerated above	300
Total forwarded	40,000

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	300	
Flour	75	
Provisions (beef, pork, lard, etc.)	100	
Animals	25	
Other agricultural products	10	
Lumber and forest products	39,120	
Coal	20	
Plaster, lime and cement	5	
Salt	5	
Petroleum	5	
Railroad iron, iron and steel rails	10	
Other iron and castings	10	
Stone, brick and sand	15	
Merchandise and other articles not enumerated above	300	
Total tons carried	40,000	100.00

ADDITIONAL QUESTIONS.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

27 miles.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Falling from trains					1	
Total					1	

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Firemen		1	1
Total		1	1

STATE OF MICHIGAN, } ss.
COUNTY OF MASON, }

M. F. Butters, president, of the Mason & Oceana Railroad Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

Signed,

[L. S. OF E. E.]

M. F. BUTTERS, *President.*

Subscribed and sworn to before me this 7th day of March, A. D. 1894.

GEO. N. STRAY,
Notary Public, Mason Co., Mich.

ANNUAL REPORT.
OF THE
MICHIGAN AIR LINE RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed April 8, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, L. J. SEARGEANT, Montreal, Quebec.
Vice President, W. J. SPICER, Detroit, Mich.
Secretary, ROBERT WRIGHT, Montreal, Quebec.
Accountant, J. H. MUIR, Detroit, Mich.
General Managers, W. J. SPICER, Detroit, Mich.
Superintendent, A. B. ATWATER, Detroit, Mich.
Chief Engineer, GEO. MASSON, Detroit, Mich.
Mechanical Superintendent, H. ROBERTS, Detroit, Mich.
Traffic manager, GEO. B. REEVE, Chicago, Ill.
General Passenger and Ticket Agent, W. E. DAVIS, Chicago, Ill.
General Freight Agent, DAVID BROWN, Chicago, Ill.
Attorney, E. W. MEDDAUGH, Detroit, Mich.

DIRECTORS.

L. J. SEARGEANT, Montreal, Quebec.
W. J. SPICER, Detroit, Mich.
JOHN BELL, Q. C., Belleville, Ont.
HENRY HOWARD, Port Huron, Mich.
E. W. MEDDAUGH, Detroit, Mich.
Terms expiring September, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 18, 1875.
Number of stockholders at date of last election: 8.
Number of stockholders in Michigan at same date: 8.
Amount of full paid stock held in Michigan at same date: \$1,500.00.
Date of annual meeting of stockholders: Last Wednesday in September.
Fiscal year of company ends: December 31.
General offices of the company are located at Detroit, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$176,572 49
Total expenses, including taxes.....	\$145,662 16	
Net income.....		\$30,910 33
Interest on funded debt.....	\$75,433 34	
Balance for the year, deficit.....	\$44,523 01	
Contribution from G. T. R'y towards interest liabilities.....		44,523 01

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$1,500,000 00
Par value of shares	\$100 00	
Number of shares issued	8,000	
Amount paid in on common	\$300,000 00	
Total amount paid in, as per books of the company		800,000 00
Paid in per mile of road owned by company, 105.80 miles		2,840 91

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, January, 1882 (\$310,000)	5%	Jan. 1902....	London, England....	\$1,508,686 67
Total funded debt.....				\$1,508,686 67

RECAPITULATION.

Total funded debt.....	\$1,508,686 67
Total debt liabilities	\$1,508,686 67
Amount of debt liabilities per mile of road, 105.80 miles	\$14,286 61
Total amount of stock and debt	1,808,686 67
Stock and debt per mile of road, 105.80 miles	17,127 52

GENERAL BALANCE SHEET.—Dr.

Construction account	\$1,791,697 83
Equipment account	26,400 00
Debit balances from companies and individuals	35,038 02
Total.....	\$1,856,180 35

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$300,000 00
Funded debt	1,508,686 67
Unfunded debt:	
Interest unpaid	\$37,716 67
Vouchers and accounts	9,747 01
Total.....	\$1,856,180 35

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: November, 1875.	
Original cost to present company, of road and equipment.....	\$300,000 00
Amount expended since purchase, account of construction	1,517,097 83
Amount expended since purchase, account of equipment	1,000 00
Total cost to date of report.....	\$1,818,097 83
Average cost per mile of road, not including sidings, 105.80 miles	17,216 83
Proportion of cost for Michigan	17,216 83

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$1,522 87
Total.....	\$1,522 87
Net addition to property account	1,522 87

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$32,472 25	
Through fares.....	81 52	
Total passenger fares.....	\$32,553 77	
Express and baggage.....	2,499 96	
Mails.....	9,599 58	
Total passenger department earnings.....		\$44,653 26
Proportion for Michigan.....	\$44,653 26	
Per train mile.....	52	
Per mile of road.....	422 85	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$118,862 55	
Through traffic.....	12,952 33	
Total traffic.....	\$131,814 88	
Total freight department earnings.....		131,814 88
Proportion for Michigan.....	\$131,814 88	
Per train mile.....	1 04	
Per mile of road.....	1,248 25	
Total transportation earnings.....		\$176,468 14
Transportation earnings per mile of road.....	\$1,671 01	
Transportation earnings per train mile.....	83	
Miscellaneous receipts from operating account, other than for transportation as follows:		
From other sources.....	104 35	
Total.....		\$176,572 49
Total earnings from operation of road.....		176,572 49
Total earnings per mile of road.....		1,672 09
Total earnings per train mile.....		83
Proportion of taxable earnings for Michigan.....		176,572 49
Total taxable earnings per mile of road in Michigan.....		1,672 09
Total income from all sources.....		176,572 49
Proportion of income for Michigan.....		176,572 49

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$28,053 21
Renewals of rails.....	4,067 97
Renewals of ties.....	12,449 13
Repairs of bridges, including culverts and cattle guards.....	4,516 33
Repairs of fences, road crossings and signs.....	2,759 96
Repairs of buildings.....	3,499 28
Total.....	\$55,335 96

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$3,117 36
Repairs of passenger cars.....	2,656 51
Repairs of freight cars.....	5,864 53
Total.....	\$11,638 40

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$15,567 51
Water supply	663 31
Oil and waste	320 00
Locomotive service	18,641 50
Passenger train service	4,928 49
Passenger train supplies	451 92
Freight train service	9,859 02
Freight train supplies	909 88
Telegraph expenses (maintenance and operating)	2,510 62
Damage and loss of freight and baggage	922 30
Damage to property and cattle	84 00
Personal injuries	245 19
Agents and station service	15,458 46
Station supplies	3,578 85
Total	\$74,079 08

GENERAL EXPENSES.

Salaries of the general offices of the company	\$120 00
Salaries of clerks in general offices	280 00
Law expenses	400 00
Insurance	456 80
Taxes	3,882 48
Total	\$4,618 78

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings	\$55,385 95
Maintenance of motive power and cars	11,624 40
Conducting transportation	74,079 08
General expenses, including taxes	4,618 78
Total operating expenses and taxes	\$145,662 16
Operating expenses and taxes per miles of road	\$1,379 88
Operating expenses and taxes per train mile run for trains earning revenue	68.457
Proportion of operating expenses and taxes for Michigan, main line	145,662 16
Percentage of expenses to earnings	83.16%
Net earnings per mile of road	292 71
Net earnings per train mile	14.527

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Lenox to Jackson, September 1, 1884.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Lenox to Jackson	105.60	
Total length completed	105.60	
Total length of road belonging to this company		105.60
Total length of road belonging to this company in Michigan	105.60	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	9.38	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		114.98
Gauge of track, 4 feet 8 $\frac{1}{4}$ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	8	289
Iron bridges	1	70
Wooden trestles	73	5,991
Total	77	6,800

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Detroit & Bay City R. R. near Rochester.
 Detroit, Grand Haven & Milwaukee R. R. at Pontiac.
 Flint & Pere Marquette R. R. at Wixom.
 Toledo, Ann Arbor & N. Michigan R. R. at Hamburg.
 Detroit, Lansing & Northern R. R. at South Lyon.
 Jackson, Lansing & Saginaw R. R. near Jackson.

At what crossings are interlocking and derailing switches in operation?

At the crossing of the Bay City Division of the Michigan Central R. R. near Rochester, and the Jackson, Lansing & Saginaw Division of the Michigan Central at Jackson.

What pattern or patterns have you adopted?

☐ Union Switch & Signal Company.

Number of crossings of highways at grade in this State.....	131
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	1
Number of crossings of highways over or under railroad, over.....	2
Number of highway bridges, 18 feet above track.....	2

Have safety guards been erected at overhead obstructions:

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884:

Yes.

How are they treated:

Filled with wood planking.

Stations.

Number of stations on whole line.....	20
Same in Michigan.....	20

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	161
Same in Michigan.....	161

Classify your employees as per following list:

	Number.
Baggagemen.....	4
Brakemen.....	18
Conductors.....	10
Engineers.....	4
Firemen.....	4
Laborers.....	61
Shopmen.....	1
Yardmen.....	1
Others.....	60

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you.....	215
---	-----

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

None.

Road bed and track.

Number of track sections in Michigan.....	14
Average lengths of sections (miles).....	7
Average number of men in each section gang.....	4
Number of new ties put in whole line during the year.....	34,981
Number of new ties put in track in Michigan.....	34,981
Average number of new ties per mile of road.....	231

Bridges and culverts.

Timber culverts replaced during the year.....	12
With iron pipe—number.....	8
With timber—number.....	4

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	2	\$14,000 00
Total.....	2	\$14,000 00
Number of passenger cars—8-wheel including official cars	1	3,000 00
Number of express and baggage cars.....	1	1,000 00
Number of box freight cars.....	18	7,200 00
Number of platform cars.....	4	1,200 00
Total.....	24	\$26,400 00

Number of locomotives equipped with power brakes.....	1
Number of passenger train cars equipped with power brakes.....	2

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Westinghouse air brakes.

Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1885?
Yes.

What pattern or patterns have you adopted for use?
McCros's patent coupler.

How are your passenger cars heated?
Baker heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	68,112
Miles run by freight trains during the year	74,199
Miles run by mixed trains.....	70,485
Total mileage of trains earning revenue.....	212,776

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	37		
Number of local passengers carried.....	84,499		
Total number of passengers carried	84,536		
Total passenger mileage.....		1,154,617	
Average distance traveled by each passenger.....		13.66	
Average amount received from each passenger.....			\$0 38.509
Average rate of fare per mile for through passengers			02.107
Average rate of fare per mile for local passengers.....			02.822
Average rate of fare per mile for all passengers.....			02.819

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	18,747		
Number of tons of local freight carried	250,589		
Total tons of freight carried	269,336		
Total mileage of through freight.....		1,987,182	
Total mileage of local freight.....		13,187,206	
Total freight mileage, or tons carried one mile		15,174,478	
Average ton haul for through freight.....		106.00	
Average ton haul for local freight.....		52.68	
Average ton haul for all freight		56.34	
Average amount received for each ton haul.....			\$0 48.941
Average rate per ton per mile, received for through freight.....			00.652
Average rate per ton per mile, received for local freight.....			00.901
Average rate per ton per mile, received for all freight			00.869

Freight forwarded at Michigan stations.

	Forwarded, tons.
Cotton.....	8,638
Grain.....	20,079
Flour.....	39,541
Provisions (beef, pork, lard, etc.).....	105
Animals.....	2,926
Other agricultural products.....	21,613
Lumber and forest products.....	33,303
Coal.....	29,844
Plaster, lime and cement.....	1,832
Salt.....	350
Petroleum.....	85
Railroad iron, iron and steel rails.....	2,164
Pig and bloom iron.....	7,747
Other iron and castings.....	1,969
Ores.....	104
Stone, brick and sand.....	756
Manufactures—articles shipped from point of production.....	1,505
Merchandise and other articles not enumerated above.....	27,158
Total forwarded.....	199,189

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Cotton.....	8,709	3.23
Grain.....	21,621	8.08
Flour.....	39,832	14.79
Provisions (beef, pork, lard, etc.).....	940	.35
Animals.....	3,055	1.18
Other agricultural products.....	22,730	8.46
Lumber and forest products.....	42,708	15.96
Coal.....	39,519	14.67
Plaster, lime and cement.....	2,939	1.11
Salt.....	350	.13
Petroleum.....	408	.15
Railroad iron, iron and steel rails.....	2,404	.89
Pig and bloom iron.....	7,390	2.90
Other iron and castings.....	2,108	.78
Ores.....	247	.09
Stone, brick and sand.....	2,441	.91
Manufactures—articles shipped from point of production.....	7,922	2.94
Merchandise and other articles not enumerated above.....	63,504	23.58
Total tons carried.....	299,386	100.00

ADDITIONAL QUESTIONS.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Armour & Company.....	Chicago, Ill.	\$4 83
American Refrigerator Transit Co.....	St. Louis, Mo.	49
Anglo-American Refrigerator Car Co.....	Chicago, Ill.	64
Burton Stock Car Co.....	Boston, Mass.	22 72
Canda Cattle Car Co.....	New York, N. Y.	51
Eureka Transportation Co.....	Detroit, Mich.	929 60
Globe Refining Co.....	Louisville, Ky.	97
Hammond Refrigerator Line.....	Hammond, Ind.	1 02
J. E. Butler Furniture Line.....	Atlanta, Ga.	2 26
Merchants' Despatch Transportation Co.....	New York, N. Y.	55 99
Manhattan Oil Company.....	Lima, Ohio.	97
National Despatch Line.....	St. Albans, Vt.	663 24
Chicago, Boston & Liverpool Refrigerator Line.....	St. Albans, Vt.	127 19
New York Despatch Refrigerator Line.....	Boston, Mass.	54 64
Peerless Tank Line.....	Cleveland, O.	4 60
Provision Dealers' Despatch.....	Chicago, Ill.	64
Swift Refrigerator Transportation Co.....	Chicago, Ill.	1 02
Street's Western Stable Car Line.....	Chicago, Ill.	30
Southern Despatch Lumber Line.....	Louisville, Ky.	4 39
W. P. Rand & Co.....	Chicago, Ill.	67

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The National Express Company.

Terms: \$2,500.00 per annum for a minimum weight of 3,000 lbs. daily, carried entire length of road.

Excess weight at same rate per 100 lbs.

Freight received at depot.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

105.60 miles. Western Union Telegraph Company.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

March 14, C. Conat, brakeman, Pinckney. Coupling; accidental.

October 14, D. McGregor, brakeman, Armada. Coupling; his carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					2	
Total.....					2	

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		2	2
Total.....		2	2

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

William J. Spicer, general manager, and James H. Muir, accountant of the Michigan Air Line Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. J. SPICER, General Manager.
JAS. H. MUIR, Accountant.

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

[L. S.]

L. F. LANG.
Notary Public in and for Wayne county, Mich.

ANNUAL REPORT
OF THE
MICHIGAN CENTRAL RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

Chairman, C. VANDERBILT, New York City.
President, H. B. LEDYARD, Detroit, Mich.
Vice President—E. D. WORCESTER, New York City.
Secretary, E. D. WORCESTER, New York City.
Auditor, A. J. BURT, Detroit, Mich.
Treasurer, D. A. WATERMAN, New York City.
General Manager, H. B. LEDYARD, Detroit, Mich.
General Superintendent, ROBERT MILLER, Detroit, Mich.
Ass't General Superintendent, R. H. L. HOMMEDIEU, Detroit, Mich.
Division Superintendents:
 D. S. SUTHERLAND, Detroit, Mich.
 O. F. JORDAN, Jackson, Mich.
 W. J. MARTIN, Bay City, Mich.
 I. H. SNYDER, Chicago, Ills.
 J. B. MORFORD, St. Thomas, Ont.
Chief Engineer, A. TORREY, Detroit, Mich.
Superintendent of Telegraph, E. E. TORREY, Detroit, Mich.
Cashier, J. E. GRIFFITHS, Detroit, Mich.
General Passenger and Ticket Agent, O. W. RUGGLES, Chicago, Ills.
General Freight Agent, A. MACKAY, Chicago, Ills.
General Counsel, ASHLEY POND, Detroit, Mich.
General Attorney, HENRY RUSSEL, Detroit, Mich.

DIRECTORS.

CORNELIUS VANDERBILT, New York City.
 WILLIAM K. VANDERBILT, New York City.
 FREDERICK W. VANDERBILT, New York City.
 HENRY B. LEDYARD, Detroit, Mich.
 EDWIN D. WORCESTER, New York City.
 SAMUEL F. BARGER, New York City.
 CHAUNCEY M. DEFEW, New York City.
 ASHLEY POND, Detroit, Mich.
 FREDERICK S. WINSTON, Chicago, Ills.

Terms expire May 3, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 28, 1846.
 Number of stockholders at date of last election: 1,319.
 Number of stockholders in Michigan at same date: 20.
 Amount of full paid stock held in Michigan at same date: \$127,000.
 Date of annual meeting of stockholders: First Thursday following first Wednesday in May.
 Fiscal year of company ends December 31.
 General offices of the company are located as below:
 New York City, Grand Central station.
 Detroit, Mich., foot of Third street.
 Chicago, Ill., Monadnock building.

GENERAL EXHIBIT.

GENERAL EXHIBIT.		Debit.	Credit.
Total income.....			\$16,178,030 99
Total expenses, including taxes.....		\$12,287,792 85	
Net income.....			\$3,890,238 64
Interest on funded debt:			
M. C.....	\$660,000 00		
Leased lines.....	407,800 00		
		\$1,067,800 00	
Rentals of leased lines and Canada Southern interest.....		1,384,003 72	
Canada Southern R'y proportion of net earnings.....		456,647 76	
			2,858,451 47
Balance applicable to dividends.....			\$1,081,787 17
Dividends declared.....		\$1,080,801 22	
Balance for the year.....			\$1,188 95
Balance (profit and loss) last year.....			6,999,189 57
Items not included in above, as follows:			
Interest on World's Columbian Exposition bonds, etc.....			1,041 67
Balance forward to next year.....			\$7,048,115 57

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		Not limited.
Par value of shares.....	\$100 00	
Number of shares issued.....	187,382.04	
Amount paid in on common.....	<u>\$18,738,204 00</u>	
Total amount paid in, as per books of the company.....		\$18,738,204 00
Paid in per mile of road owned by company, 270.07 miles.....		69,382 77

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
<i>Bonds, Michigan Central Railroad, proper.</i>				
Consolidated first mtge., May 1, 1872	7%	May 1, 1902	New York	\$8,000,000 00
" " " Nov. 1, 1882	5%	" 1, 1902	" "	2,000,000 00
Total Michigan Central proper .....	.....	.....	.....	\$10,000,000 00
<i>Bonds issued by the Michigan Central Railroad Co. account of respective leased lines.</i>				
Grand River Valley Railroad:				
General first mortgage Sept. 1, 1879	6%	Sept. 1, 1909	New York	\$500,000 00
" " " March 1, 1886	6%	" 1, 1909	" "	1,000,000 00
Detroit & Bay City Railroad:				
General first mortgage, March 1, 1881	5%	March 1, 1931	" "	3,576,000 00
Kalamazoo & South Haven Railroad:				
General first mortgage, Nov. 1, 1889	5%	Nov. 1, 1939	" "	700,000 00
Michigan Air Line Railroad:				
General first mortgage, Jan. 1, 1890	4%	Jan. 1, 1940	" "	2,600,000 00
Total leased lines .....	.....	.....	.....	\$8,876,000 00
Total funded debt .....	.....	.....	.....	\$18,876,000 00

UNFUNDED DEBT.

For miscellaneous.....	\$2,401,252 92
Total unfunded debt.....	\$2,401,252 92

RECAPITULATION.

Total funded debt, M. C. proper.....	\$10,000,000 00
Total unfunded debt.....	2,401,252 92
Total debt liabilities, M. C. proper.....	\$12,401,252 92
Amount of debt liabilities per mile of road, 270.07 miles.....	45,918 66
Total amount of stock and debt, M. C. proper.....	\$31,189,456 92
Stock and debt per mile of road.....	115,801 43

GENERAL BALANCE SHEET.—Dr.

Construction account, includes amounts expended account construction of leased lines..	\$12,378,411 11
Other investments:	
Advanced on acct. of land purchased in construction of Detroit belt line	\$256,192 32
Sundry, securities, etc.....	610,696 25
	866,888 57
Cash items:	
Cash.....	\$1,029,598 54
Due from agents.....	80,056 46
	1,109,655 00
Other assets:	
Materials and supplies.....	\$1,039,084 11
Debit balances from companies and individuals.....	1,167,533 70
	2,206,617 81
Total.....	\$46,561,572 49

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$18,788,204 00
Funded debt:	
Bonds—Michigan Central Railroad proper.....	10,000,000 00
Bonds—issued account leased lines.....	8,878,000 00
Unfunded debt:	
Interest unpaid.....	\$47,980 00
Dividends unpaid.....	3,412 50
Vouchers and accounts.....	947,619 45
Other liabilities (list as follows):	
Pay rolls.....	463,157 68
Dividend No. 63, due Feb. 1, 1894.....	655,887 14
Accrued interest of 1898 due in 1894.....	288,296 17
	2,401,252 92
Profit and loss or income accounts.....	7,046,115 57
Total.....	\$46,561,572 49

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: September 24, 1846.	
Original cost to present company, of road and equipment.....	\$2,000,000 00
Amount expended since purchase, account of construction.....	}
Amount expended since purchase, account of equipment.....	
Total cost to date of report.....	\$31,116,257 09
Average cost per mile of road, not including sidings, 270.07 miles.....	\$115,215 53
Proportion of cost for Michigan, 221 miles.....	25,462,632 13

Amounts expended account leased and proprietary lines.

Michigan Air Line R. R.....	8,154,267 15
Grand River Valley R. R.....	2,501,715 87
Jackson, Lansing & Saginaw R. R.....	889,921 64
Kalamazoo & South Haven R. R.....	815,610 24
Detroit & Bay City R. R.....	8,744,297 78
Saginaw Bay & Northwestern R. R.....	176,789 00
Battle Creek & Sturgis R'y.....	9,271 75
Bay City & Battle Creek R'y.....	830 59
Total property account.....	\$42,378,411 11

ANALYSIS OF EARNINGS.
PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Express and baggage.	Mails.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line.	\$1,980,608 53	\$1,187,601 26	\$3,148,209 79	\$273,404 27	\$146,840 87	\$3,568,454 93	\$2,776,178 79	---	\$12,561 88.59
<i>Leased or proprietary roads:</i>									
Michigan Air Line R. R.	61,088 53	24 35	61,083 18	1,519 27	18,977 84	76,550 29	72,622 02	---	664 78
Joliet & Northern Indiana R. R.	14,204 89	36 90	14,241 29	654 74	1,066 56	16,532 59	155,627 59	---	374 05.75
Grand River Valley R. R.	127,727 08	6,440 50	134,167 58	3,942 59	17,517 72	155,627 59	155,627 59	---	1,287 35.63
Jackson, Lansing & Saginaw R. R.	498,210 08	5,693 10	498,903 18	15,492 53	42,269 68	556,665 38	556,665 38	---	1,723 95.59
Kalamazoo & South Haven R. R.	81,239 68	51 10	81,290 78	1,412 67	2,879 28	85,582 68	85,582 68	---	900 92.78
Detroit & Bay City R. R.	206,863 13	9,061 45	215,924 58	11,095 38	26,012 28	253,041 19	253,041 19	---	1,632 45.93
Toledo, Canada Southern & Detroit Ry.	150,969 31	5,569 64	156,538 95	8,257 26	22,107 00	187,083 21	150,453 07	---	3,132 84.47
Canadian Southern Ry. (in Canada)	690,179 42	1,096,383 50	1,776,512 92	130,148 62	47,070 76	1,953,732 80	1,504,533 21	---	5,156 19.46
Michigan, Midland & Canada R. R.	4,749 67	4,749 67	9,499 34	183 82	810 24	5,693 23	5,693 23	---	389 18.66
Canada Southern Bridge Co.	1,085 63	1,085 63	2,171 26	---	108 06	1,133 70	1,133 70	---	311 12.02
Saginaw Bay & Northwestern R. R.	12,145 19	12,145 19	24,290 38	---	1,193 52	13,338 71	13,338 71	---	166 46.84
Battle Creek & Sturgis Ry.	9,265 98	9,265 98	18,531 96	124 93	1,896 86	11,278 74	11,278 74	---	333 89.35
Bay City & Battle Creek Ry.	5,312 84	5,312 84	10,625 68	---	1,066 13	6,398 97	6,398 97	---	883 37.61
Total passenger department earning	\$3,769,069 65	\$2,300,811 80	\$6,069,881 45	\$446,785 52	\$325,691 84	\$6,942,358 81	\$4,088,407 95	\$1 39	\$3,577 49.65

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total traffic.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line.	\$1,890,343 36	\$1,600,236 73	\$3,590,580 09	\$3,630,580 09	\$2,755,609 88	---	\$12,604 56.86
<i>Leased or proprietary roads:</i>							
Michigan Air Line R. R.	184,649 94	9,586 46	194,236 40	194,236 40	184,015 21	---	1,836 64.53
Joliet & Northern Indiana R. R.	76,365 31	58,786 27	135,151 58	135,151 58	135,151 58	---	3,009 35.73
Grand River Valley R. R.	112,692 74	36,026 32	148,719 06	148,719 06	148,189 06	---	1,768 67.66
Jackson, Lansing & Saginaw R. R.	798,911 05	40,918 77	839,829 82	839,829 82	839,829 82	---	2,592 19.06
Kalamazoo & South Haven R. R.	128,468 77	1,126 65	129,595 42	129,595 42	129,595 42	---	8,071 38.46
Detroit & Bay City R. R.	497,409 01	68,728 49	566,137 50	566,137 50	566,137 50	---	11,064 76.34
Toledo, Canada Southern & Detroit Ry.	560,140 82	96,252 11	656,392 93	656,392 93	656,392 93	---	8,242 38.7
Canadian Southern Ry. (in Canada)	1,392,619 96	1,780,568 61	3,173,188 57	3,173,188 57	3,173,188 57	---	12,643 12.64
Michigan, Midland & Canada R. R.	1,353 38	1,353 38	2,706 76	2,706 76	2,706 76	---	72 94.9
Canada Southern Bridge Co.	258 99	258 99	517 98	517 98	517 98	---	493 62.77
Saginaw Bay & Northwestern R. R.	89,503 31	89,503 31	179,006 62	179,006 62	179,006 62	---	238 22.51
Battle Creek & Sturgis Ry.	8,728 01	8,728 01	17,456 02	17,456 02	17,456 02	---	260 26.61
Bay City & Battle Creek Ry.	4,838 33	4,838 33	9,676 66	9,676 66	9,676 66	---	4,457 75.57
Total freight department earnings	\$5,382,625 83	\$3,641,790 41	\$9,024,416 24	\$9,224,356 24	\$5,082,048 41	\$1 57	

Total transportation earnings.....		\$16,066,715 05
Transportation earnings per mile of road.....	\$9,885 64	
Transportation earnings per train mile.....	1 43	

Miscellaneous receipts from operating account, other than for transportation, as follows:

From other sources.....	\$111,815 94
Total.....	111,815 94

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

Company.	Total miscellaneous.	Proportion for Michigan.
Michigan Central Railroad.....	\$30,962 22	\$62,986 77
Michigan Air Line R. R.....	92 19	87 34
Joliet & Northern Indiana R. R.....	5,510 89	
Grand River Valley R. R.....	509 00	509 00
Jackson, Lansing & Saginaw R. R.....	4,441 70	4,441 70
Kalamazoo & South Haven R. R.....	14 00	14 00
Detroit & Bay City R. R.....	1,378 00	1,378 00
Toledo, Canada Southern & Detroit R'y.....	1,055 00	846 40
Michigan Midland & Canada R. R.....	2 00	2 00
Canada Southern Bridge Co.....	166 00	166 00
Saginaw Bay & Northwestern R. R. Co.....	29 00	29 00
Battle Creek & Sturgis R'y.....	5 50	5 50
Bay City & Battle Creek R'y.....	1 00	1 00
Canada Southern R'y (in Canada).....	17,149 44	

Total earnings from operation of road..... \$16,178,030 99

Total earnings per mile of road.....	\$9,903 79.5
Total earnings per train mile.....	1 43

Proportion of taxable earnings for Michigan:

Michigan Air Line R. R.....	\$256,624 58
Jackson, Lansing & Saginaw R. R.....	1,398,102 91
Kalamazoo & South Haven R. R.....	59,189 10
Detroit & Bay City R. R.....	780,542 59
Toledo, Canada Southern & Detroit R'y.....	673,951 26
Michigan Midland & Canada R. R.....	7,347 41
Canada Southern Bridge Co.....	1,593 69
Saginaw Bay & Northwestern R. R.....	52,874 02
Battle Creek & Sturgis R'y.....	20,012 25
Bay City & Battle Creek R'y.....	11,585 30
Total.....	\$3,211,823 11

Total taxable earnings per mile of road in Michigan.....	\$2,845 27
Income other than from earnings.....	46,831 72

Total income from all sources..... \$16,224,862 71

Proportion of income for Michigan:

Michigan Air Line R. R.....	\$256,624 58
Jackson, Lansing & Saginaw R. R.....	1,398,102 91
Kalamazoo & South Haven R. R.....	59,189 10
Detroit & Bay City R. R.....	780,542 59
Toledo, Canada Southern & Detroit R'y.....	673,951 26
Michigan Midland & Canada R. R.....	7,347 41
Canada Southern Bridge Co.....	1,593 69
Saginaw Bay & Northwestern R. R.....	52,874 02
Battle Creek & Sturgis R'y.....	20,012 25
Bay City & Battle Creek R'y.....	11,585 30
Michigan Central R. R.....	\$3,211,823 11
Grand River Valley R. R.....	5,624,773 44
	304,325 95
Total.....	\$9,140,923 50

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$1,251,487 00
Renewals of rails.....	129,832 96
Renewals of ties.....	267,716 77
Repairs of bridges, including culverts and cattle guards.....	224,218 04
Repairs of fences, road crossings and signs.....	152,212 10
Repairs of buildings.....	273,990 29
Total.....	\$2,308,966 16

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$867,296 34
Repairs of passenger cars	302,432 70
Repairs of freight cars	806,207 55
Repairs of ferry boats	20,050 66
Total	\$1,994,987 26

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$1,279,522 03
Water supply	52,705 61
Oil and waste	79,704 66
Locomotive service	1,025,851 57
Passenger train service	254,385 67
Passenger train supplies	27,297 85
Freight train service	503,771 34
Freight train supplies	54,595 72
Mileage of freight cars	499,137 01
Telegraph expenses (maintenance and operating)	253,117 16
Damage and loss of freight and baggage	64,907 11
Damages to property and cattle	9,761 04
Personal injuries	286,260 00
Agents and station service	1,691,859 90
Station supplies	100,861 61
Detroit river crossing	79,152 77
Total	\$6,364,930 06

GENERAL EXPENSES.

Salaries of the general officers of the company	\$65,000 00
Salaries of clerks in general offices	108,648 79
Law expenses	55,755 37
Insurance	8,841 30
Stationery and printing	66,773 22
Outside agencies and advertising	336,534 67
Contingencies	59,744 35
Taxes	340,375 12
Total	\$1,034,172 72

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	18.79	\$2,806,966 16
Niagara river tolls .....	.46	55,996 32
Maintenance of motive power and cars	16.24	1,994,987 26
Conducting transportation	51.00	6,364,930 06
Track rentals and terminals	5.10	626,739 83
General expenses, including taxes	8.41	1,034,172 72
Total operating expenses and taxes	100.00	\$12,287,792 35
Operating expenses and taxes per mile of road		\$7,522 22
Operating expenses and taxes per train mile run for trains earning revenue, 11,308,701 miles		1 09

PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN.

Main line	\$3,965,708 64
<i>Leased and proprietary roads:</i>	
Michigan Air Line	278,342 10
Grand River Valley R. R.	326,782 43
Jackson, Lansing & Saginaw R. R.	1,898,945 51
Kalamazoo & South Haven R. R.	56,121 85
Detroit & Bay City R. R.	607,216 05
Toledo, Canada Southern & Detroit R'y	510,083 37
Michigan Midland & Canada R. R.	17,144 03
Canada Southern Bridge Co.	22,725 46
Saginaw Bay & Northwestern R. R.	186,566 21
Battle Creek & Sturgis R'y	8,782 07
Bay City & Battle Creek R'y	5,248 09
Total proportion of expenses for Michigan	\$7,328,516 81
Percentage of expenses to earnings	75.95
Net earnings per mile of road	\$2,881 51
Net earnings per train mile	84.4004

DESCRIPTION OF ROAD.

Date when road was opened for use between its present termini:

From Detroit, Mich., to Chicago, Ill., May, 1852.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Detroit, Mich., to State Line	221.00	
Indiana, from Michigan State Line to Illinois State Line	43.00	
Illinois, from Indiana State Line to Kensington	6.07	
Total length completed	270.07	
Length of double track on main line	138.40	
Total length of road belonging to this company		270.07
Total length of road belonging to this company in Michigan	221.00	
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated	184.83	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		405.83

Gauge of track, 4 feet 8½ inches.

Proprietary or leased roads operated by this company.

Name, description and length of each:

	Total miles.	In Michigan.
Chicago & Kensington	14.00	
Michigan Air Line Railroad	115.16	109.10
Joliet & Northern Indiana Railroad	45.00	
Grand River Valley Railroad	83.79	83.79
Jackson, Lansing & Saginaw Railroad and branches	322.90	322.90
Kalamazoo & South Haven Railroad	89.50	89.50
Detroit & Bay City Railroad and Branches	155.00	155.00
Michigan Midland & Canada Railroad	14.68	14.68
Canada Southern Bridge Co.	8.66	8.66
Saginaw Bay & Northwestern Railroad	80.13	80.13
Battle Creek & Sturgis Railway	33.80	33.80
Bay City & Battle Creek Railway	18.00	18.00
Toledo, Canada Southern & Detroit Railway	58.92	47.27
Canada Southern Railway (in Canada)	378.91	
Total	1,363.45	907.83
Total miles operated by the company	1,633.52	1,128.88

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, ft.
Wooden bridges	213	18,345
Stone bridges	11	157
Iron bridges	85	4,977
Combination bridges	13	5,724
Wooden trestles	21	3,272
Total	293	32,475

Draw bridges in Michigan.

How many on your line?

Ten.

Where located, when built, and length of draw span?

	Feet.
St. Charles, over Bad river, built in 1881	37½
Paines, over Tittabawassee river, rebuilt 1890	108
South of West Bay City, over Saginaw river (west channel and middle ground), 1889	131
South of West Bay City, over Squaonning creek, 1884	34
Bay City, over Saginaw river, 1834	51
East Saginaw, over Saginaw river, 1886	188
Kawkawlin, over Kawkawlin river, 1890	190
Groesse Isle, over Detroit River, 1884	340½
South of Woodmere, over Rouge river, 1887	180
South of Rockwood, over Huron river, 1881	128

Character of structure:

Iron, wood and stone piers.

Material of which constructed:

Iron, wood and stone.

Height above water, and depth of water under bridge:

From 15 to 30 feet.

How swung, by engine or hand power:

One by steam, all others by hand.

Approaches straight or curved:

Straight.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

Yes. By bridge tender.

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Lake Shore & Michigan Southern Railroad at West Detroit, Albion, Kalamazoo, Jackson, Homer, Three Rivers, South end of Junction Yard, Detroit, Woodward avenue, Detroit and Eaton Rapids.
 Wabash Railroad at West Detroit and Delray.

Flint & Pere Marquette Railroad at Wayne Junction, East Saginaw, Otter Lake, Bay City, North Saginaw and South Saginaw.

Detroit, Monroe & Toledo Railroad at Detroit.

Grand Trunk Railway at Detroit (Woodward avenue).

Detroit, Grand Haven & Milwaukee Railroad at Milwaukee Junction and Owosso.

Pontiac, Oxford & Port Austin Railroad at Oxford.

Michigan Air Line Railroad at Rochester and Jackson.

Chicago & Grand Trunk Railway at Lapeer, Nichols, Charlotte, Lansing, Cassopolis and Jackson.

Port Huron & Northwestern Railroad at Vassar and near East Saginaw.

Saginaw, Tuscola & Huron Railroad at Reese.

Grand Rapids & Indiana Railroad at Kalamazoo and Wasepi.

Saginaw Bay & Northwestern Railroad at Pinconning.

Chicago & West Michigan Railroad at Grand Junction and Grand Rapids.

Detroit, Lansing & Northern Railroad at Lansing and North Lansing.

Toledo, Ann Arbor & North Michigan Railroad at Owosso Junction and East Saginaw.

Cincinnati, Jackson & Mackinaw Railroad at Homer.

Chicago, Kalamazoo & Saginaw Railroad at Hastings.

Toledo, Saginaw & Muskegon Railroad at North Saginaw and West Bay City.

Midland & Hubbard Railroad one-half mile east of Midland.

What railroads cross your road either over or under your grade in this State, and where?

Over:

Detroit, Lansing & Northern; Flint & Pere Marquette; Wabash, and Canadian Pacific, at Woodbridge street, Detroit.

Toledo, Ann Arbor & North Michigan, at Ann Arbor.

Flint & Pere Marquette, six miles west of Detroit.

Cincinnati, Wabash & Michigan, at New Buffalo.

Cincinnati, Jackson & Mackinaw, 2 miles east of Augusta.

Under:

Cincinnati, Wabash & Michigan, at Niles and 2 miles south of Niles.

Indiana & Lake Michigan, at Gallen.

At what crossings are interlocking and derailing switches in operation?

Lake Shore & Michigan Southern, at West Detroit, Woodward Ave., Detroit, Albion, Woodmere, Homer and Kalamazoo.

Flint & Pere Marquette, at Wayne Junction, 1 mile south of Saginaw, one mile north of Saginaw and Bay City.

Grand Rapids & Indiana, at Wasepi, Homer and Kalamazoo.

Chicago & Grand Trunk, at Lapeer, Cassopolis, Nichols, Lansing and Jackson.

Cincinnati, Jackson & Mackinaw, at C. J. & M. crossings.

Chicago, Kalamazoo & Saginaw, at Hastings.

Detroit, Lansing & Northern, at Grand Rapids.

Cincinnati, Saginaw & Mackinaw, north and south of West Bay City, and north of Saginaw.

Detroit, Grand Haven & Milwaukee, at Milwaukee Junction.

Wabash, at West Detroit and Woodmere.

Grand Trunk, at Milwaukee Junction and Woodward Ave., Detroit.

Chicago & West Michigan, at Grand Junction.

Michigan Air Line, at Rochester Junction.

Pontiac, Oxford & Port Austin, at Oxford.

What pattern or patterns have you adopted?

Union Switch & Signal Co., Swiserve Pann Pattern.

Number of crossings of highways at grade in this State

1,326

Number of crossings of highways at grade in this State at which there are gates or flagmen

108

Number of crossings at which there electric or automatic signals

16

What pattern or patterns in use?

Gates—Safety Gate Co., Pneumatic Gate Co., Pennsylvania Steel Co. and Saginaw Gate Co.

Electric or Automatic Signals—Pennsylvania Steel Co., Ross & Holden, Oriskany Cross Alarm Co. and Hall Signal Co.

Number of crossings of highways over or under railroad (over 23, under 7)	45
Number of highway bridges 18 feet above track	28
Number of highway bridges less than 18 feet above track	9

Have safety guards been erected at overhead obstructions?
Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
Yes.

How are they treated?
All angles on guard rails, frogs and leads 7¼ inches wide and under are filled with wooden blocking spiked to the ties.

Stations.

Number of stations on whole line	460
Same in Michigan	305

Employees.

Number of persons regularly employed on all roads operated by company, including officials	10,106
Same in Michigan	6,427

Classify your employees as per following list:

	Number.
Baggagemen	82
Brakemen	627
Conductors	332
Engineers	562
Firemen	594
Laborers	2,447
Shopmen	944
Yardmen	883
Others	3,635

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	1,986
Give the number of miles required to complete fence both sides of your track in Michigan and the counties in which needed:	
Gladwin county	34
Total miles required	34

Road bed and track.

Number of track sections in Michigan	250
Average length of sections (miles)	3.72
Average number of men in each section gang	4
Number of new ties put in whole line during the year	633,191
Number of new ties put in track in Michigan	437,825
Average number of new ties per mile of road	432
New rails put in track, steel 80,046 tons, miles	64.36
Total miles of track laid with new rails	64.36

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	1,619
Timber culverts replaced during the year:	
With iron pipe—number	46

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	409	\$2,950,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	52	180,495 00
Total	461	\$3,130,521 00

	Number.	Present. esti- mated value.
Number of passenger cars—12-wheel, including official cars.....	17	\$188,800 00
Number of passenger cars—8-wheel, including official cars.....	245	890,900 00
Number of express and baggage cars.....	107	215,600 00
Number of box freight cars.....	8,348	2,825,725 00
Number of stock cars.....	1,228	853,800 60
Number of platform cars.....	3,272	789,350 00
Number of ore cars.....	425	106,250 00
Number of conductors' way cars.....	248	111,600 00
Other cars as follows:		
School car.....	1	
Boarding.....	29	
Derrick.....	7	
Pile driver.....	2	
Steam shovel.....	6	
Snow plow.....	6	
Rail saw.....	1	
Tool.....	72	
Stone.....	23	
Oil tanks.....	87	
Logging trucks.....	52	
	296	130,200 00
Total.....	14,121	\$5,507,225 00
Number of locomotives equipped with power brakes.....	342	
Number of passenger train cars equipped with power brakes.....	369	
Number of freight cars equipped with power brakes.....	3,851	

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Cars—Westinghouse quick action, 4,420.

Locomotives—Westinghouse 297, American steam 45: 342.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Gould.

How are your passenger cars heated?

Hot water and steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	4,907,583
Miles run by freight trains during the year.....	5,886,307
Miles run by mixed trains.....	514,311
Total mileage of trains earning revenue.....	11,808,701

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	243,081		
Number of local passengers carried.....	3,060,574		
Total number of passengers carried.....	3,303,655		
Total passenger mileage.....	285,858,620		
Average distance traveled by each passenger.....		86.54	
Average amount received from each passenger.....			\$1 84
Average rate of fare per mile for through passengers.....			01.9125
Average rate of fare per mile for local passengers.....			02.2753
Average rate of fare per mile for all passengers.....			02.1232

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	1,527,575		
Number of tons of local freight carried.....	5,277,999		
Total tons of freight carried.....	6,805,574		
Total mileage of through freight.....		685,829,499	
Total mileage of local freight.....		670,281,196	
Total freight mileage, or tons carried one mile.....		1,356,110,695	
Average ton haul for through freight.....		419	
Average ton haul for local freight.....		127	
Average ton haul for all freight.....		199	
Average amount received for each ton haul.....			\$1 36
Average rate per ton per mile, received for through freight.....			00.531
Average rate per ton per mile, received for local freight.....			00.833
Average rate per ton per mile, received for all freight.....			00.680

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	171,347
Flour	154,074
Provisions (beef, pork, lard, etc.)	63,823
Animals	43,454
Other agricultural products	150,146
Lumber and forest products	1,263,888
Coal, coke and charcoal	60,063
Plaster, lime and cement	19,860
Salt	80,353
Petroleum and other oils	12,697
Railroad iron, iron and steel rails	821
Pig and bloom iron	30,122
Other iron and castings	40,313
Ores	3,596
Stone, brick and sand	102,123
Manufactures	830,568
Merchandise and other articles not enumerated above	171,945
Total forwarded	2,699,223

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	623,019	9.23
Flour	238,377	4.16
Provisions (beef, pork, lard, etc.)	310,431	4.56
Animals	191,307	2.81
Other agricultural products	312,511	4.59
Lumber and forest products	1,562,428	22.96
Coal, coke and charcoal	1,286,190	18.16
Plaster, lime and cement	36,624	.54
Salt	119,971	1.76
Petroleum and other oils	166,206	2.44
Railroad iron, iron and steel rails	5,415	.09
Pig and bloom iron	36,583	1.27
Other iron and castings	74,284	1.09
Ores	4,342	.07
Stone, brick and sand	274,908	4.04
Manufactures	872,543	12.83
Merchandise and other articles not enumerated above	640,346	9.41
Total tons carried	6,806,574	100.00

ADDITIONAL QUESTIONS.

Express Companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Company do an express business over the lines of the Michigan Central Railroad company, paying the following rates for transportation of their freight.

Chicago to Buffalo, through freight, 80c per cwt.

Chicago to Buffalo, New York produce, 50c per cwt.

Chicago to Detroit, fruit, 80c per cwt.

Buffalo to Lansing, Niles, Three Rivers, Hammond, Jackson, Cassopolis, Michigan City, Battle Creek, Kalamazoo, Charlotte, Grand Rapids, Wasepi, South Bend, Joliet and New Buffalo, on business originating at New York and Boston, 90c per cwt.

Mackinaw City to Detroit, venison, 60c per cwt.

Indian River to Bay City, Berries, 40c per cwt.

Cheboygan to Bay City, fish, 40c per cwt.

Cheboygan to Chicago, fish, \$1.00 per cwt.

Local freight on main line, Detroit to Chicago; local freight on Air Line Division, Jackson to South Bend; local freight on Grand Rapids Division, River Junction to Grand Rapids; local freight on Saginaw Division, Jackson to Mackinaw City; local freight on South Haven Division, Kalamazoo to South Haven; local freight on Battle Creek Division, Battle Creek to Findlay, 7c per ton per mile.

Bay City Division, Detroit to Bay City. Produce, first-class freight rates. Fish and fruit, first-class freight rates with 10 per cent added. Merchandise, one and one-half first-class freight rates.

Messengers fare \$6.50 per day excepting on the Saginaw Branch, which is \$25.00 per month.

Toledo Division, Detroit to Toledo. Merchandise, one and one-half first-class freight rates. Special freight, first-class freight rates with 10 per cent added. Messengers fare \$3.30 per day.

Canada Division, Buffalo to Detroit and freight therefrom to Toledo Division.

Buffalo to Toledo, 60c per cwt.

Toledo to Buffalo, produce, 44c per cwt.

Toledo to Buffalo, eastern freight, 46.27c per cwt.

Toledo to Buffalo, local, 46.27c per cwt.

Detroit to Buffalo, local, 41.25c per cwt.

Detroit to Buffalo, produce, 30.25c per cwt.

Buffalo to St. Thomas, 24c per cwt.

Detroit to St. Thomas, 24c per cwt.

Local freight in Canada, first one and one-half first-class freight rates. Special, first-class freight rates with 10 per cent added.

Niagara Division, Niagara to Chippewa, 14c per cwt.

Clifton to Niagara, 15c per cwt.

Midland Division, St. Clair to Lenox, 10c per cwt.

Buffalo to Chicago, New York freight consigned to American Express Company, 40c per cwt.

Empty packages returned on all divisions at one-half regular rates.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

	Miles.
Michigan Central Railroad Co.....	1,234.10
Michigan Central and W. U. Tel. Co., joint.....	279
Western Union Telegraph Co.....	5,315.24
Canada Southern R'y Co.....	1,163.71
Great Northwestern Telegraph Co.....	352.60
Total	8,394.65

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Name of company.	General office.	Amount paid.
Pullman Palace Car Co.....	Chicago, Ill.	\$91 71

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Cannot furnish this information, the amount, however, is small.

See report for year 1890.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

- January 8, Tanbe, Frank, Junction Yards, struck by No. 5. Trespasser.
 " 8, McLellan, fireman, Grayling. Jumped from engine; lack of caution.
 " 11, Shipman, A. E., conductor, Wyandotte. Engine jumped track; accidental.
 " 12, Trout, Mrs. M., Wyandotte. Trespasser; carelessness.
 " 13, Clay, Ed., switchman, Junction Yards. Coupling; carelessness.
 " 19, Nunn, August, Detroit. Trespasser; carelessness.
 " 20, St. John, Thos., Metamora. Trespasser; carelessness.
 " 21, Fayne, Michael, Grand Rapids. Trespasser; carelessness.
 February 3, Hays, Wm., switchman, Detroit. Struck by train; carelessness.
 " 12, Bray, J. S., Wolverine. Jumped off train; carelessness.
 March 9, McCabe, Mrs. M., Jackson. Trespasser; carelessness.
 " 22, Parks, Warriner, Junction Yards. Trespasser; carelessness.
 April 13, McConnell, F. J., Bay City. Trespasser; carelessness.
 " 16, Piczynski, Ignaz, Detroit. Trespasser; carelessness.
 May 10, Cland, David, Linwood. Trespasser; carelessness.
 " 13, Legg, W., brakeman, Grayling. Fell off train; carelessness.
 June 19, Beach, J., Nashville. Trespasser; carelessness.
 " 19, Bissell, Alice, Ypsilanti. Trespasser; carelessness.
 " 26, McDonald, Pat, Otsego Lake. Trespasser; carelessness.
 July 1, Snow, Lebert, Vanderbilt. Trespasser; carelessness.
 " 7, Conger, F., Switchman, Bay City. Coupling; carelessness.
 " 6, Anderson, Chas., brakeman, Bay City. Coupling; carelessness.
 " 25, Unknown man, Detroit. Trespasser; carelessness.
 " 23, Adams, Jno., switchman, Detroit. coupling; carelessness.
 " 23, Smith, W. A., Brakeman, Lansing. Foot caught in guard rail.
 " 23, Furenlime, Joe., laborer, Rochester. Jumping on train; carelessness.
 " 23, Barry, L. O., Caledonia. Lying on track; trespasser.
 " 30, Mulligan, P., Battle Creek. Struck by train; trespasser.

August 16, Robson, E. A., Wayne. Trespasser.
 " 17, Sanger, John, Slocums Junction. Trespasser.
 " 28, Reed, Wm., switchman, Owosso. Coupling; carelessness.
 September 2, Collins, J. H., conductor, Rudds Mills. Fell from train; accidental.
 October 13, Brees, Miss H., Jackson, collision.
 " " Beardalee, Mrs. E. N., " "
 " " Donovan, Mrs. T., " "
 " " Gibbs, Mrs. D. Z., " "
 " " Gilmour, W. R., " "
 " " Gilmour, Mrs. W. R., " "
 " " Hoffman, Geo., " "
 " " Herrington, Grace (Baby) " "
 " " Keeler, Mrs. J. H., " "
 " " McMaster, Miss M., " "
 " " Newton, J. R., " "
 " " Mrs. Chas. Starr, " "
 " " Woodbury, Mrs. L., " "
 " " Woodbury, James " "
 " 15, Unknown man, Kalamazoo. Trespasser.
 " 16, Mrs. F. Stubbe, F. & P. M. crossing. Trespasser.
 November 4, Mrs. Luce, Kalamazoo. Trespasser.
 " 11, Beach, Emmet, Battle Creek. Struck by train at crossing.
 December 3, Unknown man, Indian River. Found on track dead.
 November 29, Rice, Burt, Sterling. Trespasser.
 December 11, Lachance, Mrs. M. O., Detroit. Struck by engine; carelessness.
 " 27, Unknown man, Three Oaks. Trespasser.

INJURED.

January 10, Unknown man, Detroit. Highway collision; lack caution.
 " 14, Cragg, brakeman, Grayling. Coupling; carelessness.
 " 18, Davis, Frank, brakeman, Saginaw. Coupling; carelessness.
 " 28, Hewett, A., brakeman, Pinconning. Fell off car; accidental.
 February 4, Stone, W., brakeman, Jackson Junction. Struck by engine; accidental.
 " 4, Dooley, T., switching, Detroit. Coupling; carelessness.
 " 4, Frederick, Jno., brakeman, Nashville. Coupling; carelessness.
 March 6, Mansfield, Jno., Wayne Junction. Trespasser; carelessness.
 " 13, Damend, Ike, switchman, Grayling. Jumped off train; accidental.
 " 13, Brown, R., brakeman, West Bay City. Coupling; carelessness.
 " 15, Vandewater, A., switchman, Lansing. Coupling; carelessness.
 April 2, Adams, Geo., brakeman, Oxford. Fell off train; accidental.
 " 2, McCormick, J., Brakeman, New Buffalo. Struck by overhead bridge.
 " 4, Rutledge, Dan'l., (boy), Detroit. Jumping on cars; carelessness.
 " 5, Buel, H., brakeman, Colon. Coupling; carelessness.
 " 7, Murphy, Barney, Alger. Trespasser.
 " 9, Hawkins, J., brakeman, Roscommon. Coupling; carelessness.
 " 16, Winters, Harry, brakeman, Tierney Branch. Coupling; carelessness.
 " 19, Davey, Fred, brakeman, Jackson Junction. Jumping on engine; carelessness.
 " 19, Pritchard, Wm., conductor, Niles. Roof board flew off car; accidental.
 " 20, Williams, M. J., brakeman, Rives Junction. Coupling; carelessness.
 " 27, Cooley, M., brakeman, Marshall. Fell off train; accidental.
 " 29, McDonald, Wm., brakeman, S. B. & N. W. Division. Coupling; carelessness.
 May 3, King, M., Brakeman, Beaver Lake. Jumped from train.
 " 9, Bryant, Robert, West Detroit. Trespasser.
 " 16, Van Anker, F., brakeman, Waters. Coupling; carelessness.
 " 18, Benton, Thos. (boy), Roscommon. Trespasser.
 " 23, Phillian, Henry, brakeman, Pinconning. Coupling; carelessness.
 " 25, Lagarre, G., cook, Ann Arbor. Run over; carelessness.
 " 28, Bycraft, J., brakeman, River Rouge. Coupling; carelessness.
 " 30, Corey, Chauncy, brakeman, Zilwaukee. Coupling; carelessness.
 June 1, Parker, Wm., switchman, Jackson. Coupling; carelessness.
 " 11, Vedder, Jesse (boy), Detroit. Trespasser.
 July 1, Bowles, F., brakeman, Lansing. Coupling; carelessness.
 " 16, Lloyd, J. Detroit. Trespasser.
 " 14, Tinklebaugh, T., sectionman, N. Midland Division. Struck by train; carelessness.
 " 8, Anger, Frank, switchman, Bay City. Coupling; carelessness.
 " 6, Anderson, Chas., brakeman, Bay City. Coupling; carelessness.
 " 11, Baker, Chas., Lapeer. Trespasser.
 " 19, Brady, Wm., passenger, Jackson. Attempted to jump train.
 " 23, Gruessel, Jos., Detroit. Trespasser.
 " 24, Shea, C., laborer, North Lansing. Run over; carelessness.
 August 19, O'Donnell, Mrs., passenger, Rives Junction. Walked off train; carelessness.
 " 26, Burt, J. T., brakeman, Lonsville. Slipped off engine; carelessness.
 " 29, Downs, Thos., Detroit. Trespasser.
 " 30, Unknown man, Jackson. Trespasser.
 September 10, Larkin, Thos., brakeman, South Yards. Coupling; carelessness.
 October 11, Hastwell, E., (boy), Detroit. Trespasser.
 " 11, Parriah, C. A., fireman, Chesaning. Collision; accidental.
 " 13, Ainsworth, L. D., Jackson. Collision.
 " 13, Anderson, J. N., " "
 " 13, Anderson, Mrs., " "
 " 13, Brooks, Mrs. F. M., " "
 " 13, Burlingame, Mrs. J. A., " "
 " 13, Beardalee, Miss B., " "
 " 13, Benedict, Miss M., " "
 " 13, Buffen, L., " "

October 12.	Bootman, Laura M.,	Jackson. Collision.
"	12. Bootman, Lena H.,	"
"	12. Dolinetsch, Miss E. A.,	"
"	12. Davidson, S. G.,	"
"	12. Davidson, Mrs. S. G.,	"
"	12. Eggleston, Jos. E.,	"
"	12. Frayley, Frank,	"
"	12. Fay, Mrs. C. W.,	"
"	12. Fay, Miss Laura,	"
"	12. Ferris, C. E.,	"
"	12. Finn, E. S.,	"
"	12. Finn, Mrs. Lydia,	"
"	12. Feltz, Mrs. H.,	"
"	12. Gardner, Mrs. H.,	"
"	12. Gardner, Miss M.,	"
"	12. Gilboy, Miss M.,	"
"	12. Harris, Miss A.,	"
"	12. Humphrey, W. R.,	"
"	12. Healey, Miss K.,	"
"	12. Healey, Miss J.,	"
"	12. Herrington, Mrs. A.,	"
"	12. Hatch, Fred,	"
"	12. Hotchkiss, Frank,	"
"	12. Hulslander, W. L.,	"
"	12. Halsted, Miss D.,	"
"	12. Hayden, Mrs. Thos. J.,	"
"	12. Juppenlaz, Miss M.,	"
"	12. Jones, Mrs. S.,	"
"	12. Johnson, Mrs. C. B.,	"
"	12. Krise, Miss M. C.,	"
"	12. Keeler, Miss S.,	"
"	12. McColl, S. T.,	"
"	12. Mitchel, Miss L. V.,	"
"	12. Nolan, Miss L.,	"
"	12. Nolan, Miss G.,	"
"	12. Nash, Mrs. E. L.,	"
"	12. Reed, S. J.,	"
"	12. Richards, Mrs. R. H.,	"
"	12. Race, A. E.,	"
"	12. Roberts, Miss G.,	"
"	12. Searles, Mrs. A.,	"
"	12. Sells, Wesley,	"
"	12. Sloan, Mrs. Jas.,	"
"	12. Singleton, Mrs. W. H.,	"
"	12. Smith, Miss M.,	"
"	12. Stearns, Mrs. E.,	"
"	12. Stearns, E.,	"
"	12. Stone, Mrs. Flora E.,	"
"	12. Wakefield, Mrs. Mary.,	"
"	12. Walsh, R.,	"
"	12. Woolston, Miss,	"
"	12. Woolston, J. D. F.,	"
"	12. Wheaton, E. F.,	"
"	12. Whipple, Mason,	"
"	12. Whittlock, Miss L.,	"
"	12. Wilson, F. J.,	"
"	12. Watrous, L. J.,	"
"	12. Watkins, Chas.,	"
"	12. Watkins, Mrs. M. B.,	"
"	12. Walker, Mrs. D. M.,	"
"	12. Williams, Mrs. E.,	"
"	12. Whalen, Wm.,	"

November 4. Graves, S. E., switchman, Detroit. Struck by bridge guard post.

" 20. Gunther, Jed, Detroit. Trespasser.

December 6. Fletcher, D. H., switchman, Jackson. Coupling; carelessness.

" 12. Young, Frank, Ogemaw. Trespasser.

January 20. Balhoff, G., brakeman, Alger. Log fell off train on him; accidental.

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....	5	21	26
Conductors.....	2	1	3
Firemen.....	1	1	2
Laborers.....	1	1	2
Yardmen.....	4	9	13
Not classified above.....		8	8
Total.....	18	36	49

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	56
Number of persons injured during the year.....	122
Number of casualties purely accidental.....	96
Number resulting from lack of caution, carelessness, or misconduct.....	44
Trespassers and tramps killed or injured.....	87
Suicides.....	1

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Case of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Collisions.....	14			70	1	
Coupling cars.....		5			21	
Derailments.....		1				
Falling from trains.....		3		1	5	
Frogs.....						
Getting on and off trains.....		2		1	4	
Highway crossings.....			2			1
Miscellaneous.....		2	1		3	
Overhead obstructions.....					2	
Trespassers on tracks.....			26			13
Total.....	14	13	29	72	26	14

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

H. B. Ledyard, president, and A. J. Burt, auditor, of the Michigan Central Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

H. B. LEDYARD, *President.*
A. J. BURT, *Auditor.*

Subscribed and sworn to before me this 23d day of April, A. D. 1894.

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT
OF THE
BATTLE CREEK & STURGIS RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, H. B. LEDYARD, Detroit, Mich.
Secretary, A. J. BURT, Detroit, Mich.
Treasurer, A. J. BURT, Detroit, Mich.
Vice President, HENRY RUSSEL, Detroit, Mich.

DIRECTORS.

E. C. NICHOLS, Battle Creek, Mich.
C. VANDERBILT, New York City, N. Y.
E. D. WORCESTER, New York City, N. Y.
H. B. LEDYARD, Detroit, Mich.
ASHLEY POND, Detroit, Mich.
HENRY RUSSEL, Detroit, Mich.
A. J. BURT, Detroit, Mich.

Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 14, 1889.
Date of annual meeting of stockholders: First Wednesday in June.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

The stock is owned and the road is operated part by the Lake Shore & Michigan Southern and part by the Michigan Central Railroad Companies.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,000,000 00
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	5,000	
Amount paid in on common.....		\$500,000 00
Total amount paid in, as per books of the company.....		500,000 00
Paid in per mile of road owned by company, 41 miles.....		12,195 12

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, Dec. 1, 1889.....	3%.....	Dec. 1, 1890.....	New York....	\$500,000 00
Total funded debt.....				\$500,000 00

RECAPITULATION.

Total funded debt	\$500,000 00
Total debt liabilities	\$500,000 00
Amount of debt liabilities per mile of road, 41 miles.....	\$12,195 12
Total amount of stock and debt.....	1,000,000 00
Stock and debt per mile of road.....	24,390 24

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$15,000 00
Was it paid for the last year: Yes.	

COST OF ROAD AND EQUIPMENT.

The road was built by a former company, the records of which cannot be found, making it impossible to furnish this information.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
January, 1889.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan, Battle Creek to Findley, operated by M. C. R. R.	38.80	
Length completed in Michigan, Findley to Sturgis, operated by L. S. & M. S. R'y	7.20	
Total length completed.....		41.00
Total length of road belonging to this company		41.00
Total length of road belonging to this company in Michigan.....	41.00	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		8.90
Same in Michigan.....	3.90	
Aggregate length of tracks belonging to this company, computed as single track.....		44.90
Same in Michigan.....		44.90
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, }
COUNTY OF WAYNE, } ss.

H. B. Ledyard, president, and A. J. Burt, secretary, of the Battle Creek & Sturgis Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.
[L. S. OF H. B.] Signed,

H. B. LEDYARD, President.
A. J. BURT, Secretary.

Subscribed and sworn to before me this 22d day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT
OF THE
BAY CITY & BATTLE CREEK RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, H. B. LEDYARD, Detroit, Mich.
Secretary, A. J. BURT, Detroit, Mich.
Treasurer, A. J. BURT, Detroit, Mich.
Vice President, HENRY RUSSEL, Detroit, Mich.

DIRECTORS.

C. VANDERBILT, New York City, N. Y.
E. D. WORCESTER, New York City, N. Y.
HUGH McMILLAN, Detroit, Mich.
H. B. LEDYARD, Detroit, Mich.
ASHLEY POND, Detroit, Mich.
HENRY RUSSEL, Detroit, Mich.
A. J. BURT, Detroit, Mich.
Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 14, 1889.
Date of annual meeting of stockholders: First Wednesday in June.
Fiscal year of company ends: December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

The stock is owned and the road is operated by the Michigan Central Railroad Company.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,000,000 00
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	8,000	
Amount paid in on common.....		\$300,000 00
Total amount paid in, as per books of the company.....		\$300,000 00
Paid in per mile of road owned by company		<u>16,666 66</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, Dec. 1, 1889.....	3%	Dec. 1, 1889.....	New York.....	\$250,000 00
Total funded debt.....				\$250,000 00

RECAPITULATION.

Total funded debt	\$250,000 00
Total debt liabilities.....	\$250,000 00
Amount of debt liabilities per mile of road, 18 miles	13,888 88
Total amount of stock and debt.....	550,000 00
Stock and debt per mile of road.....	30,555 54

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	7,500 00
Was it paid for the last year? Yes.	

COST OF ROAD AND EQUIPMENT.

The road was built by a former company, the records of which cannot be found, making it impossible to furnish this information.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
West Bay City to Midland, December 27, 1889.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan.....	18.00	
Total length completed.....		18.00
Total length road belonging to this company.....	18.00	
Total length of road belonging to this company in Michigan.....	18.00	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		2.12
Same in Michigan.....	2.12	
Aggregate length of tracks belonging to this company, computed as single track		20.12
Same in Michigan.....		20.12
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

H. B. Ledyard, president, and A. J. Burt, secretary, of the Bay City & Battle Creek Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

H. B. LEDYARD, President.
A. J. BURT, Secretary.

Subscribed and sworn to before me this 22d day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT
OF THE
CANADA SOUTHERN BRIDGE COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JAMES TILLINGHAST, New York, N. Y.
Secretary and Treasurer, CHARLES F. COX, New York, N. Y.
Transfer agent, F. MIDDLEBROOK, New York, N. Y.

DIRECTORS.

CORNELIUS VANDERBILT, New York, N. Y.
WILLIAM K. VANDERBILT, New York, N. Y.
JAMES TILLINGHAST, Buffalo, N. Y.
SAMUEL F. BARGER, New York, N. Y.
CHARLES F. COX, New York, N. Y.
EDWIN D. WORCESTER, New York, N. Y.
EDWARD A. WICKES, New York, N. Y.
CHAUNCEY M. DEPEW, New York, N. Y.
HENRY B. LEDYARD, New York, N. Y.
Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICERS.

When chartered or articles of association filed: Consolidated August 20, 1873.
Number of stockholders at date of last election: 16.
Number of stockholders in Michigan at same date: 3.
Amount of full paid stock held in Michigan at same date: \$6,000, 60 shares.
Date of annual meeting of stockholders: First Thursday after first Wednesday in June.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

The stock is controlled by the Canada Southern Railway Company, and the road, bridge, etc., are operated by the Michigan Central Railroad Company as part of the Canada Southern System of roads, under an agreement for joint operation made December 12, 1882, between the Michigan Central and Canada Southern Companies.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$15,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	4,500	
Amount paid in		\$450,000 00
Amount paid in on shares not issued—number	10,500	
Total amount paid in, as per books of the company		<u>450,000 00</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
1st mortgage coupon bonds, dated Feb. 1, 1894...	7%	Feb. 1, 1904*	New York, N. Y...	\$1,000,000 00
Total funded debt.....				\$1,000,000 00

*Interest due February and August.

UNFUNDED DEBT.

Interest on bonds.....	\$1,380,000 00
Current balances.....	104,998 41
Total unfunded debt.....	\$1,484,998 41

RECAPITULATION.

Total funded debt.....	\$1,000,000 00
Total unfunded debt.....	1,484,998 41
Total debt liabilities.....	\$2,484,998 41
Total amount of stock and debt.....	2,884,998 41

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$70,000 00
Was it paid for the last year?	No.
If interest is in default state the years and amounts as follows:	
Coupons due 1875 and 1898 inclusive at \$70,000.00 per annum.	

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$1,780,977 05
Proportion of cost of construction for Michigan.....	All

DESCRIPTION OF ROAD.

Date when the road and bridge were opened for use between its present termini:
September, 1893.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan.....		3.66	
Total length completed.....			3.66
Total length of road belonging to this company.....			3.66
Total length of road belonging to this company in Michigan.....	3.66		
Aggregate length of sidings, spurs and other tracks not above enumerated.....			5.22
Same in Michigan.....	5.22		
Aggregate length of tracks belonging to this company, computed as single track.....			8.88
Same in Michigan.....			8.88
Gauge of track, 4 feet 8½ inches.			

STATE OF NEW YORK, }
COUNTY OF NEW YORK, } ss.

C. F. Cox, treasurer and secretary, of the Canada Southern Bridge Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1898, to the best of his knowledge and belief.

[L. S. OF R. R.]

Signed,

C. F. COX, Treasurer and Secretary.

Subscribed and sworn to before me this 26th day of February, A. D. 1899.

[L. S.]

DWIGHT W. PARDEE,
Commissioner for Michigan in New York.

ANNUAL REPORT
OF THE
DETROIT & BAY CITY RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 28, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, C. VANDERBILT, New York City, N. Y.
Secretary and Treasurer, E. D. WORCESTER, New York City, N. Y.
Vice President, H. B. LEDYARD, Detroit, Mich.

DIRECTORS.

C. VANDERBILT, New York City, N. Y.
W. K. VANDERBILT, New York City, N. Y.
H. B. LEDYARD, Detroit, Mich.
C. M. DEFEW, New York City, N. Y.
S. F. BARGER, New York City, N. Y.
Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 21, 1871.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 8.
Amount of full paid stock held in Michigan at same date: 300.
Date of annual meeting of stockholders: First Thursday after first Wednesday in May.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich., and New York City, N. Y.

REMARKS.

Under an agreement dated March 10, 1881, the Detroit & Bay City Railroad Company transferred the possession and control of its railroad and property to the Michigan Central Railroad Company. The latter company agreed to operate the same during its corporate existence. Under the terms of this agreement the Michigan Central Railroad Company is authorized and agrees to issue its bonds to the amount of \$4,000,000.00, and both companies have joined in the execution of a mortgage upon all the Detroit & Bay City Railroad Company's property to secure the payment of said bonds.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$2,000,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	20,000	
Amount paid in on common		\$2,000,000 00
Total amount paid in, as per books of the company		2,000,000 00
Paid in per mile of road owned by company, 149.90 miles		<u>13,942 23</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

The Michigan Central Railroad Company has issued its bonds to the amount of \$4,000,000.00 secured by a first mortgage on the property of this company.

RECAPITULATION.

Total amount of stock and debt.....	\$2,000,000 00
Stock and debt per mile of road.....	<u>18,342 28</u>

COST OF ROAD AND EQUIPMENT.

Included in the report of the Michigan Central Railroad Company..

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
Detroit to Bay City, July 31, 1872.

MAIN LINE.	Miles.	Miles.
Length completed in Michigan.....	109.00	
Total length completed.....		109 00
BRANCHES.		
Saginaw Branch, from Denmark Junction to East Saginaw.....	16.75	
Caro Branch, from Vassar to Caro.....	12.75	
Detroit Belt Line.....	4.39	
Bay City Belt Line.....	7.01	
Total length of branches owned by company.....		40.90
Total length of branches owned by company in Michigan	40.90	
Total length of road belonging to this company.....		140.90
Total length of road belonging to this company in Michigan.....	140.90	
Bay City Street R'y, leased.....	5.10	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		61.72
Same in Michigan.....	61.72	
Aggregate length of tracks belonging to this company, computed as single track.....		211.62
Same in Michigan.....	211.62	
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

H. B. Ledyard, vice president, of the Detroit & Bay City Railroad Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and have carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1894, to the best of his knowledge and belief.

Signed,

H. B. LEDYARD, Vice President.

[L. S. OF R. R.]

Subscribed and sworn to before me this 22d day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT
OF THE
GRAND RIVER VALLEY RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, JOHN M. ROOT, Jackson, Mich.
Secretary, E. W. BARBER, Jackson, Mich.
Treasurer, E. W. BARBER, Jackson, Mich.

DIRECTORS.

JOHN M. ROOT, Jackson, Mich.
E. W. BARBER, Jackson, Mich.
W. H. WITHINGTON, Jackson, Mich.
ALO. BENNETT, Jackson, Mich.
E. S. LACEY, Chicago, Ill.
HOMER G. BARBER, Vermontville, Mich.
NATHAN BARLOW, Hastings, Mich.
Terms expire October, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 4, 1846.
Number of stockholders at date of last election: 48.
Number of stockholders in Michigan at same date: 21.
Amount of full paid stock held in Michigan at same date: \$185,800.
Date of annual meeting of stockholders: First Monday in October.
Fiscal year of company ends December 31.
General offices of the company are located at Jackson, Mich.

REMARKS.

Operated under a permanent agreement by the Michigan Central Railroad Company.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$1,000,000 00
Par value of shares.....	\$50 00	
Average price received per share.....	50 00	
Number of shares issued.....	9,324	
Amount paid in on common.....		\$491,300 00
Total amount paid in as per books of the company.....		\$491,300 00
Paid in per mile of road owned by company.....		5,862 27

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage to secure bonds issued by the Michigan Central R. R. Co.....	6%	Sept. 1, 1909	New York.....	\$1,500,000 00
Total funded debt				\$1,500,000 00

RECAPITULATION.

Total funded debt	\$1,500,000 00
Total debt liabilities	\$1,500,000 00
Amount of debt liabilities per mile of road, 88.79 miles.....	5,962 27
Total amount of stock and debt	1,991,200 00
Stock and debt per mile of road.....	23,762 27

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year	\$90,000 00
Was it paid for the last year?	
Probably, but no means of knowing.	

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

*Total expended for construction	\$2,867,053 00
Average cost of construction per mile of road, not including sidings, 88.79 miles.....	34,229 17

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
1870.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	83.79	
Total length completed.....		83.79
Total length of road belonging to this company.....		83.79
Total length of road belonging to this company in Michigan	83.79	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		16.88
Same in Michigan	16.88	
Aggregate length of tracks belonging to this company, computed as single track.....		100.17
Same in Michigan	100.17	
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, }
COUNTY OF JACKSON, } ss.

John M. Root, president, and E. W. Barber, secretary of the Grand River Valley Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. W.]

Signed,

JOHN M. ROOT, President.
E. W. BARBER, Secretary.

Subscribed and sworn to before me this 23d day of February, A. D. 1894.

[L. S.]

F. H. HELMER,
Notary Public in and for Jackson county, Michigan.

* Of this sum \$1,500,000.00 is included in Michigan Central report as expended on account of leased lines.

ANNUAL REPORT
OF THE
JACKSON, LANSING & SAGINAW RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, HENRY A. HAYDEN, Jackson, Mich.
Secretary, ORLANDO M. BARNES, Lansing, Mich.
Treasurer, WM. D. THOMPSON, Jackson, Mich.
Transfer agent, D. A. WATERMAN, New York City, N. Y.

DIRECTORS.

CORNELIUS VANDERBILT, New York City, N. Y.
JAMES F. JOY, Detroit, Mich.
HENRY B. LEDYARD, Jackson, Mich.
WM. D. THOMPSON, Jackson, Mich.
PETER B. LOOMIS, Jackson, Mich.
ORLANDO M. BARNES, Lansing, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When articles of association filed: February 28, 1894.
Number of stockholders at date of last election: 83.
Number of stockholders in Michigan at same date: 21.
Amount of full paid stock held in Michigan at same date: \$1,806,600.00.
Date of annual meeting of stockholders: Second Tuesday of January.
Fiscal year of company ends December 31.
General offices of the company are located at Lansing, Mich.

REMARKS.

The Michigan Central Railroad Company operate the company's road under agreement which went into operation September 1, 1871.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$2,500,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	20,000	
Amount paid in on common		\$2,000,000 00
Amount paid in on shares not issued (number)	5,000	
Total amount paid in, as per books of the company		\$2,000,000 00
Paid in per mile of road owned by company		6,777 36

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

This account is kept by M. C. R. R. Co.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
December 31, 1893.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan.....		295.10	
Total length completed.....			295.10
BRANCHES.			
Twin Lake branch, from Grayling to Twin Lakes.....	27.80		
Total length of branches owned by company.....			27.80
Total length of branches owned by company in Michigan.....	27.80		
Total length of road belonging to this company.....			322.90
Total length of road belonging to this company in Michigan.....	322.90		
Aggregate length of sidings, spurs and other tracks not above enumerated.....			197.58
Same in Michigan.....	197.58		
Aggregate length of tracks belonging to this company, computed as single track.....			520.48
Same in Michigan.....			520.48
Gauge of track, 4 feet 8½ inches.			

STATE OF MICHIGAN, } ss.
COUNTY OF INGHAM, }

Orlando M. Barnes, secretary, of the Jackson, Lansing & Saginaw Railroad Company, being duly sworn deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

[L. S. OF E. R.]

Signed,

ORLANDO M. BARNES, Secretary.

Subscribed and sworn to before me this 18th day of February, A. D. 1894.

[L. S.]

C. J. DAVIS,
Notary Public, Ingham Co., Michigan.

ANNUAL REPORT.
OF THE
KALAMAZOO & SOUTH HAVEN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, ASHLEY POND, Detroit, Mich.
Secretary and Treasurer, A. J. BURT, Detroit, Mich.

DIRECTORS.

C. VANDERBILT, New York City, N. Y.
ASHLEY POND, Detroit, Mich.
H. B. LEDYARD, Detroit, Mich.
HENRY RUSSEL, Detroit, Mich.
A. J. BURT, Detroit, Mich.
JAS. CLEMENTS, Ann Arbor, Mich.
F. S. WINSTON, Chicago, Ill.

Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: April 15, 1889.
Number of stockholders at date of last election: 199.
Number of stockholders in Michigan at same date: 124.
Amount of full paid stock held in Michigan at same date: \$325,100.
Date of annual meeting of stockholders: Second Wednesday in March.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

Leased to the Michigan Central Railroad Company, July 1, 1870, and is operated by it. The Michigan Central Railroad Company owns a majority of the capital stock.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$500,000 00
Par value of shares.....	\$100	
Average price received per share, as per books of company.....	100	
Number of shares issued.....	3,254	
Amount paid in on common.....		\$325,400 00
Total amount paid in, as per books of the company.....		325,400 00
Paid in per mile of road owned by company, \$9.50 miles.....		<u>8,337 97</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

The Michigan Central Railroad Company has issued its bonds to the amount of \$700,000.00, secured by a first mortgage on the property of this company and pays the interest thereon.

RECAPITULATION.

Amount of debt liabilities per mile of road, 39.50 miles.	
Total amount of stock and debt	\$325,400 00
Stock and debt per mile of road	8,237 97
	<u>825,400 00</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$325,400 00
Average cost of construction per mile of road, not including sidings, 39.50 miles	8,237 97
Proportion of cost of construction for Michigan	<u>825,400 00</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
January 2, 1871.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	39.50	
Total length completed		<u>39.50</u>
Total length of road belonging to this company		39.50
Total length of road belonging to this company in Michigan	39.50	
Aggregate length of sidings, spurs and other tracks not above enumerated		5.11
Same in Michigan	5.11	
Aggregate length of tracks belonging to this company computed as single track		<u>44.61</u>
Same in Michigan	44.61	
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, }
COUNTY OF WAYNE, } ss.

Ashley Pond, president, and A. J. Burt, secretary, of the Kalamazoo & South Haven Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. R.]

Signed,

ASHLEY POND, President.
A. J. BURT, Secretary.

Subscribed and sworn to before me this 24th day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT
OF THE
MICHIGAN AIR LINE RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

*President, H. B. LEDYARD, Detroit, Mich.
Secretary and Treasurer, A. J. BURT, Detroit, Mich.
Vice President, HENRY RUSSEL, Detroit, Mich.*

DIRECTORS.

C. VANDERBILT, New York City, N. Y.
H. B. LEDYARD, Detroit, Mich.
ASHLEY POND, Detroit, Mich.
HENRY RUSSEL, Detroit, Mich.
E. D. WORCESTER, New York City, N. Y.
J. W. FRENCH, Three Rivers, Mich.
A. J. BURT, Detroit, Mich.

Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: July 14, 1888; March 12, 1870.
Date of annual meeting of stockholders: Third Wednesday in October.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

This property is under perpetual lease to the Michigan Central Railroad Company, and has been so since its construction.

The Michigan Central now owns a majority of the stock and controls the property; the books were received in such an imperfect condition that the present management is unable to furnish all the information required by this form.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$4,000,000 00
Par value of shares	50 00
Number of shares issued	7,855 $\frac{1}{4}$

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

The Michigan Central Railroad Company has issued its bonds to the amount of \$2,600,000.00 secured by a first mortgage on the property of this company, and pays the interest thereon.

DESCRIPTION OF ROAD.

Date when road was opened for use between its present termini:
January, 1871.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan		109.10	
Length completed in Indiana		6.08	
Total length completed		115.18	
Total length of road belonging to this company			115.16
Total length of road belonging to this company in Michigan		109.10	
Aggregate length of sidings, spurs and other tracks not above enumerated			24.36
Same in Michigan		22.42	
Aggregate length of tracks belonging to this company computed as single track			139.52
Same in Michigan		131.52	
Gauge of track, 4 feet 8½ inches.			

STATE OF MICHIGAN, } ss,
COUNTY OF WAYNE, }

H. B. Ledyard, president, and A. J. Burt, secretary, of the Michigan Air Line Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

H. B. LEDYARD, *President.*
A. J. BURT, *Secretary.*

[L. S. OF R. R.]

Subscribed and sworn to before me this 22d day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne county.

ANNUAL REPORT

OF THE

MICHIGAN MIDLAND & CANADA RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, JAMES TILLINGHAST, New York, N. Y.
Secretary and Treasurer, CHARLES F. COX, New York, N. Y.
Transfer Agent, F. MIDDLEBROOK, New York, N. Y.

DIRECTORS.

CORNELIUS VANDERBILT, New York, N. Y.
 WM. K. VANDERBILT, New York, N. Y.
 JAMES TILLINGHAST, Buffalo, N. Y.
 SAMUEL F. BARGER, New York, N. Y.
 CHARLES F. COX, New York, N. Y.
 EDWIN D. WORCESTER, New York, N. Y.
 EDWARD A. WICKES, New York, N. Y.
 CHAUNCEY M. DEPEW, New York, N. Y.
 CHARLES C. CLARKE, New York, N. Y.
 Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: September 17, 1872.
 Number of stockholders at date of last election: 30.
 Number of stockholders in Michigan at same date: 3.
 Amount of full paid stock held in Michigan at same date: 107 shares.
 Date of annual meeting of stockholders: First Thursday after first Wednesday in June.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Detroit, Mich.

REMARKS.

The stock is controlled by the Canada Southern Railway Co., and the road is operated by the Michigan Central Railroad Company as a part of the Canada Southern system of roads, under an agreement for joint operation made December 12, 1882, between the Michigan Central and Canada Southern companies.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$4,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	3,000	
Amount paid in		\$300,000 00
Amount paid in on shares not issued		1,000 00
Total amount paid in, as per books of the company		300,000 00
Paid in per mile of road owned by company		20,435 96

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage coupon bonds, dated July 1, 1873, and scrip.....	7%	July 1, 1900, interest Jan. and July.....	New York, N. Y..	\$323,635 00
Total funded debt.....				\$323,635 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For construction.....	No Special provision.	
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....	Interest on bonds.....	\$459,775 00
For current balances.....		73,942 26
Total unfunded debt.....		\$513,717 26

RECAPITULATION.

Total funded debt.....	\$323,635 00
Total unfunded debt.....	513,717 26
Total debt liabilities.....	\$837,352 26
Amount of debt liabilities per mile of road, 14.68 miles.....	57,040 40
Total amount of stock and debt.....	1,137,352 26
Stock and debt per mile of road.....	77,476 30

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$23,610 00
Was it paid for the last year? No.	
If interest is in default state the years and amounts as follows:	
1873.....	\$4,035 00
1874.....	9,705 00
1875.....	20,300 00
1876.....	21,480 00
1877.....	22,540 00
1878.....	22,540 00
1879.....	22,575 00
1880.....	23,610 00
1892.....	22,610 00

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$586,342 02
Average cost of construction per mile of road, not including sidings, 14.68 miles.....	29,941 56
Proportion of cost of construction for Michigan: All.	

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
December 4, 1874. St. Clair to Ridgway, Mich.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan.....		14.68	
Total length completed.....			14.68
Total length of road belonging to this company.....			14.68
Total length of road belonging to this company in Michigan.....	14.68		
Aggregate length of sidings, spurs and other tracks not above enumerated.....			.92
Same in Michigan.....	.92		
Aggregate length of tracks belonging to this company, computed as single track.....			15.60
Same in Michigan.....	15.60		
Gauge of track, 4 feet 8½ inches.			

STATE OF NEW YORK, }
COUNTY OF NEW YORK, } ss.

C. F. Cox, secretary and treasurer, of the Michigan Midland & Canada Railroad Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

[L. S. OF N. Y.]

Signed,

C. F. COX, Secretary and Treasurer.

Subscribed and sworn to before me this 26th day of February, A. D. 1894.

[L. S.]

DWIGHT W. PARDEE,
Commissioner for Michigan in New York.

ANNUAL REPORT
OF THE
SAGINAW BAY & NORTHWESTERN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 26, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

*President, ASHLEY POND, Detroit, Mich.
Secretary and Treasurer, A. J. BURT, Detroit, Mich.*

DIRECTORS.

H. B. LEDYARD, Detroit, Mich.
ASHLEY POND, Detroit, Mich.
A. J. BURT, Detroit, Mich.
HENRY RUSSEL, Detroit, Mich.
F. J. HECKER, Detroit, Mich.
Terms expire when successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 27, 1884.
Date of annual meeting of stockholders: First Thursday after first Wednesday in May.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Mich.

REMARKS.

The stock is owned and the road is operated by the Michigan Central Railroad Company.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$800,000 00
Par value of shares	\$100 00	
Average price received per share, as per books of company	100 00	
Number of shares issued	2,000	
Amount paid in on common		\$200,000 00
Total amount paid in, as per books of the company		200,000 00
Paid in per mile of road owned by company, 80.13 miles		<u>2,495 94</u>

ANALYSIS OF DEBT ACCOUNT.

RECAPITULATION.

Amount of debt liabilities per mile of road, 80.13 miles		\$200,000 00
Total amount of stock and debt		<u>2,495 94</u>
Stock and debt per mile of road		

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction, as per books of the company.....	\$225,526 15
Average cost of construction per mile of road, not including sidings, 80.13 miles.....	2,814 50
Proportion of cost of construction for Michigan.....	<u>225,526 15</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
May, 1879.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	28.72	
Total length completed.....		28.72

BRANCHES.

Sundry branches from main line into woods.....	51.41	
Total length of branches owned by company.....		51.41
Total length of branches owned by company in Michigan	51.41	
Total length of road belonging to this company.....		80.18
Total length of road belonging to this company in Michigan.....	80.13	
Aggregate length of sidings, spurs and other tracks not above enumerated.....		5.53
Same in Michigan	5.53	
Aggregate length of tracks belonging to this company, computed as single track.....		85.66
Same in Michigan		85.66
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

Ashley Pond, president, and A. J. Burt, secretary, of the Saginaw Bay & Northwestern Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF R. B.]

Signed,

ASHLEY POND, *President.*
A. J. BURT, *Secretary.*

Subscribed and sworn to before me this 24th day of March, A. D. 1894.

[L. S.]

SYDNEY B. WIGHT,
Notary Public for Wayne Co.

ANNUAL REPORT .
OF THE
TOLEDO, CANADA SOUTHERN & DETROIT RAILWAY
COMPANY.

For the year ending December 31, 1898.

[Filed April 26, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, JAMES TILLINGHAST, New York, N. Y.
Secretary and Treasurer, CHARLES F. COX, New York, N. Y.
Transfer Agent, F. MIDDLEBROOK, New York, N. Y.

DIRECTORS.

CORNELIUS VANDERBILT, New York, N. Y.
WM. K. VANDERBILT, New York, N. Y.
JAMES TILLINGHAST, Buffalo, N. Y.
SAMUEL F. BARGER, New York, N. Y.
CHARLES F. COX, New York, N. Y.
EDWIN D. WORCESTER, New York, N. Y.
EDWARD A. WICKES, New York, N. Y.
CHAUNCEY M. DEPEW, New York, N. Y.
ALLYN COX, New York, N. Y.
Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Consolidation (July 19, 1872) of the Detroit & State Line E. R. Co., of Michigan, and the Junction Railway Co., of Ohio.
Number of stockholders at date of last election: 17.
Number of stockholders in Michigan at same date: 2.
Amount of full paid stock held in Michigan at same date: \$1,000, 10 shares.
Date of annual meeting of stockholders: First Thursday after first Wednesday in June.
Fiscal year of company ends December 31.
General offices of the company are located at Detroit, Michigan.

REMARKS.

The stock is controlled by the Canada Southern Railway Company; and the road is operated by the Michigan Central Railroad Company as a part of the Canada Southern System of roads, under an agreement for joint operation, made December 12, 1882, between the Michigan Central and Canada Southern companies.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$20,000 00-
Par value of shares.....	\$100 00	
Average price received per share.....	100 00	
Number of shares issued.....	15,476%	
Amount paid in on common.....		\$1,547,662 50
Amount paid in on shares not issued (number).....	4,523%	
Total amount paid in, as per books of the company		<u>1,547,662 50-</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage coupon gold bonds, dated August 1, 1873.....	7%.....	January 1, 1906.....	New York, N. Y.	\$1,500,000 00
First mortgage scrip.....		Interest payable Jan. and July.....		11,787 50
Total funded debt.....				\$1,511,787 50

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	No special provision.	
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....	Interest on bonds.....	\$2,152,780 00
Total unfunded debt.....		\$2,152,780 00

RECAPITULATION.

Total funded debt.....	\$1,511,787 50
Total unfunded debt.....	2,152,780 00
Total debt liabilities.....	\$3,664,517 50
Amount of debt liabilities per mile of road.....	62.194 71
Total amount of stock and debt.....	5,212,180 00
Stock and debt per mile of road.....	88,460 28

INTEREST ON THE FUNDED DEBT.

What is the amount of same due each year.....	\$105,000 00
Was it paid for the last year?	No.
If interest is in default state the years and amounts as follows:	
1873.....	52,780 00
1874-1893 inclusive, per annum.....	105,000 00

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$3,126,710 77
Average cost of construction per mile of road, not including sidings, 58.92 miles.....	53,067 07
Proportion of cost of construction for Michigan, 47.27 miles.....	2,645,419 70

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
 September 1, 1873.
 Springwells, Michigan, to Toledo, Ohio.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan.....	47.27	
Length completed in Ohio.....	11.65	
Total length completed.....		58.92

	Miles.	Miles.
Total length of road belonging to this company		58.92
Total length of road belonging to this company in Michigan.....	47.27	
Aggregate length of sidings, spurs, and other tracks not above enumerated.....		54.62
Same in Michigan	33.71	
Aggregate length of tracks belonging to this company, computed as single track		113.54
Same in Michigan		80.93
Gauge of track, 4 feet 8½ inches.		

STATE OF NEW YORK, }
COUNTY OF NEW YORK, } ss.

C. F. Cox, treasurer and secretary, of the Toledo, Canada Southern & Detroit Railway Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

[L. S. OF E. E.]

Signed,

C. F. COX, Treasurer and Secretary.

Subscribed and sworn to before me this 26th day of February, A. D. 1894.

[L. S.]

DWIGHT W. PARDEE,
Commissioner for Michigan in New York.

ANNUAL REPORT
OF THE
MILWAUKEE, LAKE SHORE & WESTERN RAILWAY
COMPANY.

For the eight months ending August 31, 1893.

[Filed March 19, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

See C. & N. W. R'y Co.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

See C. & N. W. R'y Co.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$2,394,768 25
Total expenses, including taxes.....	\$1,554,626 41	
Net income		\$780,141 84
Interest on funded debt	\$500,380 10	
Sinking funds.....	73,000 00	
Rentals of buildings, tracks, etc.,	14,812 79	
} Rent, C. & N. W. track at Milwaukee.....	14,798 94	
} Rent, St. P. E. Grand Trunk R. R.....		
Balance applicable to dividends.....		\$178,650 01
Balance for the year		859,734 84
Items not included in above, as follows:		
Miscellaneous receipts		4,912 25
Balance forward to next year.....		\$1,043,297 10

NOTE—From Sept. 1, 1893, to Dec. 31, 1893, the C. & N. W. R'y Co. has made collections and paid expense account of business of the M., L. S. & W. R'y Co. prior to Sept. 1, 1893, which are not included in above statement as follows:

Earnings collected, net.....		\$140 38
Operating expenses paid	\$16,290 32	
Taxes paid.....	1,583 69	
Total.....	\$17,829 01	

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

	Local fares.	Through fares.	Total passenger fares.	Expres.	Mails.	Other sources.	Total.	Actual for Michigan.	Per train mile.	Per mile of road.
Main line and branches			\$418,029 20	\$34,706 48	\$46,290 43		\$499,026 16	\$31,429 53		
<i>Leased or proprietary roads:</i> St. Paul Eastern Grand Trunk R'y			13,823 49	1,291 52	2,142 24		17,257 25			
Total passenger department earnings	\$352,434 96	\$79,417 71	\$431,852 69	\$36,000 00	\$48,432 72		\$516,285 41	\$31,429 53	\$0 76.067	\$1,017 23

FREIGHT EARNINGS.

	Local traffic.	Through traffic.	Total traffic.	Other sources, freight department.	Total.	Actual for Michigan.	Per train mile.	Per mile of road.
Main line and branches			\$1,768,087 83		\$1,768,087 83	\$109,724 28		
<i>Leased or proprietary roads:</i> St. Paul Eastern Grand Trunk R'y			26,471 46		26,471 46			
Total freight department earnings	\$1,018,762 49	\$775,796 80	\$1,794,559 29		\$1,794,559 29	\$109,724 28	\$1 55.48	\$3,535 80

Total transportation earnings.....	\$2,310,844 70
Transportation earnings per mile of road, 507.54 ave. miles.....	4,553 08
Transportation earnings per train mile.....	\$1 26.05
Miscellaneous receipts from operating account, other than for transportation, as follows:	
From rentals of tracks or terminals.....	\$28,923 55
From other sources.....	
Total.....	\$28,923 55

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

Company.	Total miscellaneous.	Actual for Michigan.
M., L. S. & W. R'y.....	\$23,182 16	\$9,558 63
St. Paul Eastern Grand Trunk R'y.....	791 89	
Total miscellaneous earnings.....	\$23,923 55	\$9,558 63

Total earnings from operation of road.....	\$2,834,785 25
Total earnings per mile of road, 507.54 ave. miles.....	4,600 17
Total earnings per train mile.....	\$1 27.35
Proportion of taxable earnings for Michigan, being the actual earnings in the state (Indiana earnings collected by C. & N. W. R'y Co. to Dec. 31, 1893, to wit, \$210.93).....	150,707 44
Total taxable earnings per mile of road in Michigan, 68.10 ave. miles.....	1,813 57
Income other than from earnings:	
Land department receipts.....	4,912 25
Total income from all sources.....	2,339,680 50
Proportion of income for Michigan.....	131,511 78

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$177,840 09
Renewals of rails.....	4,709 57
Renewals of ties.....	39,775 50
Repairs of bridges, including culverts and cattle guards.....	22,360 11
Repairs of fences, road crossings and signs.....	2,583 09
Repairs of buildings.....	43,806 53
Total.....	\$281,167 55

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$77,901 96
Repairs of passenger cars.....	17,093 22
Repairs of freight cars.....	80,942 98
Total.....	\$175,940 16

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$238,924 93
Water supply.....	9,521 71
Oil and waste.....	9,944 15
Locomotive service.....	166,858 57
Passenger train service.....	33,497 84
Passenger train supplies.....	2,699 96
Mileage of passenger cars.....	9,899 40
Freight train service.....	91,052 67
Freight train supplies.....	1,795 12
Mileage of freight cars.....	2,632 87
Telegraph expenses (maintenance and operating).....	35,210 88
Damage and loss of freight and baggage.....	10,408 58
Damages to property and cattle.....	4,072 61
Personal injuries.....	8,022 72
Agents and station service.....	152,855 78
Station supplies.....	7,089 21
Total.....	\$784,024 80

GENERAL EXPENSES.

Salaries of the general officers of the company	\$39,849 95
Salaries of clerks in general offices	33,938 10
Law expenses	15,006 85
Insurance	8,500 00
Stationery and printing	20,532 51
Outside agencies and advertising	7,453 51
Contingencies	27,487 10
Taxes	165,226 08
Total	\$313,493 90

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	18.06	\$281,167 55
Maintenance of motive power and cars	11.32	175,940 16
Conducting transportation	50.43	784,024 90
General expenses, including taxes	20.17	313,493 90
Total operating expenses and taxes	100.00	\$1,554,626 41
Operating expenses and taxes per mile of road, 507.54 ave. miles		\$3,068 06
Operating expenses and taxes per train mile run for trains earning revenue, 1,833,323 miles		84.8
Proportion of operating expenses and taxes for Michigan, main line		254,540 44
Percentage of expenses and taxes to earnings	66.536	
Net earnings per mile of road		1,537 11
Net earnings per train mile		42.55

DESCRIPTION OF ROAD.

BRANCHES.

	Miles.
Total length of branches owned by company in Michigan	124.64

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	663,156
Miles run by freight trains during the year	1,107,883
Miles run by mixed trains	62,379
Total mileage of trains earning revenue	1,833,323

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	32,122		
Number of local passengers carried	468,223		
Total number of passengers carried	500,345		
Total passenger mileage		16,511,172	
Average distance traveled by each passenger		32.999	
Average amount received from each passenger			\$0 86.31
Average rate of fare per mile for through passengers			02.578
Average rate of fare per mile for local passengers			02.625
Average rate of fare per mile for all passengers			02.618

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	609,349		
Number of tons of local freight carried	1,241,763		
Total tons of freight carried	1,851,112		
Total mileage of through freight	82,797,221		
Total mileage of local freight	72,026,786		
Total freight mileage, or tons carried one mile	154,824,007		
Average ton haul for through freight carried		188	
Average ton haul for local freight		55	
Average ton haul for all freight		84	
Average amount received for each ton haul			\$0 97
Average rate per ton per mile, received for through freight			00.94
Average rate per ton per mile, received for local freight			01.41
Average rate per ton per mile received for all freight			01.16

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	32
Flour.....	48
Provisions (beef, pork, lard, etc.).....	237
Animals.....	240
Other agricultural products.....	182
Lumber and forest products.....	60,091
Petroleum.....	71
Ores.....	536,307
Manufactures—articles shipped from point of production.....	84
Merchandise and other articles not enumerated above.....	2,075
Total forwarded.....	599,567

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	18,377	.99
Flour.....	32,858	1.83
Provisions (beef, pork, lard, etc.).....	6,829	.35
Animals.....	4,858	.23
Other agricultural products.....	17,085	.92
Lumber and forest products.....	674,340	26.43
Coal.....	68,674	3.71
Plaster, lime and cement.....	35,516	1.92
Salt.....	1,482	.08
Petroleum.....	4,263	.23
Railroad iron, iron and steel rails.....	91	.01
Pig and bloom iron.....	4,922	.27
Other iron and castings.....	3,820	.21
Ores.....	781,136	42.20
Stone, brick and sand.....	20,899	1.12
Manufactures—articles shipped from point of production.....	67,293	3.64
Merchandise and other articles not enumerated above.....	108,894	5.36
Total tons carried.....	1,851,112	100.00

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE EIGHT MONTHS, JANUARY 1, TO AUGUST 31, 1893.

KILLED.

March 4, John Soka, Ironwood. Walking on track, run over; carelessness.

INJURED.

January 28, Frank Kiyeski, wiper, Robbins. Coupling cars; want of caution.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passenger.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					1	
Trespassers on tracks.....			1			
Total.....			1		1	

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the eight months.....	1
Number of persons injured during the eight months.....	1
Number resulting from lack of caution, carelessness or misconduct.....	2
Trespassers and tramps killed or injured.....	1

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

Employés.	Killed.	Injured.	Total.
Shopmen.....	1	1
Total.....	1	1

STATE OF ILLINOIS, } ss.
COUNTY OF COOK, }

Marvin Hughitt, president, of the Milwaukee, Lake Shore & Western Railway Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the operations of said company for eight months ending on the thirty-first day of August, A. D. 1893, to the best of his knowledge and belief.

Signed,

MARVIN HUGHITT, *President.*

[L. S. OF R. R.]
Subscribed and sworn to before me this 14th day of March, A. D. 1894.

J. F. CLEVELAND,
Notary Public.

[L. S.]

ANNUAL REPORT
OF THE
MINERAL RANGE RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 5, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, W. F. FITCH, Marquette.
Vice President, WM. KNIGHT, Marquette.
Secretary, A. E. MILLER, Marquette.
Auditor, ROBERT TOOMBS, Marquette.
Treasurer, E. W. ALLEN, Marquette.
General Manager, W. F. FITCH, Marquette.
Superintendent, J. C. SHIELDS, Hancock.
Ass't Sec'y and Ass't Treas., GEO. H. CHURCH, New York.
General Passenger Agent, GEO. W. HIBBARD, Marquette.
General Freight Agent, WM. ORR, Duluth.
Attorney, A. B. ELDREDGE, Marquette.

DIRECTORS.

WM. F. FITCH, Marquette, Mich.
 E. C. WILLIAMS, Marquette, Mich.
 R. A. PARKER, Marquette, Mich.
 C. H. SCHAFER, Marquette, Mich.
 J. E. JOPLING, Marquette, Mich.
 J. G. REYNOLDS, Marquette, Mich.
 GEO. H. CHURCH, New York City.
 J. HUGH PETERS, New York City.
 WM. E. PARNELL, Calumet, Mich.
 THOMAS NELSON, Boston, Mass.
 WM. KNIGHT, Marquette, Mich.

Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 3, 1871.
 Number of stockholders at date of last election: 10.
 Number of stockholders in Michigan at same date: 10.
 Amount of full paid stock held in Michigan at same date: 100 shares.
 Date of annual meeting of stockholders: Second Tuesday in July.
 Fiscal year of company ends: December 31.
 General offices of the company are located at Marquette, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$117,489 88
Total expenses, including taxes.....	\$78,456 87	
Net income.....		\$44,033 46
Interest on funded debt.....	\$17,425 00	
Interest on unfunded debt.....	5,761 00	
		23,186 68
Balance applicable to dividends.....		\$20,846 88
Balance for the year.....	\$20,846 88	
Balance (profit and loss) last year.....	210,128 12	
Items not included in above.....		\$230,974 95
		45,901 61
Balance forward to next year.....		\$185,073 34

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$400,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	3,934	
Amount paid in on common.....	\$393,400 00	
Total amount paid in, as per books of the company.....		\$393,400 00
Paid in per mile of road owned by company, 23.08 miles.....		17,045 06

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
Main line, June 1, 1878.....	8%.....	June 1, 1888.....	New York City...	\$6,100 00
Main line, Dec. 14, 1886.....	4%.....	June 1, 1937.....	New York City...	7,300 00
Consols, Jan. 1, 1891.....	5%.....	Jan. 1, 1931.....	New York City...	600,000 00
Total funded debt.....				\$613,400 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For miscellaneous.....	To be paid in cash.....	\$176,906 38
For current balances.....		31,986 02
Total unfunded debt.....		\$208,842 40

RECAPITULATION.

Total funded debt.....	\$613,400 00
Total unfunded debt.....	208,842 40
Total debt liabilities.....	\$822,242 40
Amount of debt liabilities per mile of road, 23.08 miles.....	\$5,625 75
Total amount of stock and debt.....	1,215,643 40
Stock and debt per mile of road, 23.08 miles.....	52,670 81

GENERAL BALANCE SHEET.—Dr.

Construction account		\$968,711 14
Equipment account		183,328 00
Other investments:		
Hancock & Calumet R. R.	\$250,000 00	
Peninsula copper mine	2,044 00	
Houghton Co. Driving Park Association	640 00	
Mineral Range 5% bonds	259,500 00	
H. & C. 5% bonds	5,000 00	
Dayton & So. E. R'y bonds	10,400 00	
		527,584 00
Cash items:		
Cash	\$28,519 64	
Due from agents	1,542 44	
		40,062 08
Other assets:		
Materials and supplies	\$12,344 94	
Debit balances from companies and individuals	18,785 58	
		31,030 52
Total		<u>\$1,400,715 74</u>

GENERAL BALANCE SHEET.—Cr.

Capital stock		\$393,400 00
Funded debt		618,400 00
Unfunded debt:		
Interest unpaid	\$3,542 08	
Notes payable	176,906 38	
Vouchers and accounts	28,398 94	
		208,842 40
Profit and loss or income accounts		185,073 34
Total		<u>\$1,400,715 74</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$902,039 14
Average cost per mile of road, not including sidings, 17 miles	47,173 77
Proportion of cost for Michigan	<u>802,089 14</u>

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

Main line:		
Extensions and new sidings		\$4,895 28
Total charges		<u>\$4,895 28</u>
Total charges to property account as above		4,895 28
Net addition to property account		<u>4,895 28</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$34,083 80	
Total passenger fares	<u>\$34,083 80</u>	
Express and baggage	1,369 71	
Mails	1,287 00	
Total passenger department earnings		\$36,740 01
Proportion for Michigan	\$36,740 01	
Per train mile	96	
Per mile of road	<u>1,561 85</u>	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$72,293 60	
Total traffic	<u>\$72,293 60</u>	
Total freight department earnings		72,293 60

Proportion for Michigan	\$72,298 60	
Per train mile	1 56	
Per mile of road	8,122 80	
Total transportation earnings		\$109,083 61
Transportation earnings per mile of road	\$4,724 15	
Transportation earnings per train mile	1 29	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From telegraph	\$87 01	
From rentals of tracks or terminals	6,800 00	
Total	\$6,887 01	
Proportion for Michigan		6,887 01
Total earnings from operation of road		\$115,920 62
Total earnings per mile of road	\$5,022 56	
Total earnings per train mile	1 87	
Proportion of taxable earnings for Michigan	115,920 62	
Total taxable earnings per mile of road in Michigan	5,022 56	
Income other than from earnings		1,569 21
Total income from all sources		\$117,489 83
Proportion of income for Michigan		117,489 83

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$3,153 97
Renewals of ties	1,432 65
Repairs of bridges, including culverts and cattle guards	818 06
Repairs of fences, road crossings and signs	319 50
Repairs of buildings	1,680 81
Total	\$12,384 48

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$4,718 08
Repairs of passenger cars	1,635 84
Repairs of freight cars	2,998 67
Total	\$9,352 59

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$7,983 05
Oil and waste	874 91
Locomotive service	7,983 38
Passenger train service	2,280 45
Passenger train supplies	352 67
Freight train service	4,460 91
Freight train supplies	176 84
Telegraph expenses (maintenance and operating)	266 90
Damage and loss of freight and baggage	222 16
Damages to property and cattle	
Personal injuries	700 00
Agents and station service	11,348 59
Station supplies	1,262 05
Total	\$87,540 50

GENERAL EXPENSES.

Salaries of the general officers of the company	\$5,802 62
Salaries of clerks in general offices	863 90
Law expenses	391 23
Insurance	1,473 93
Stationery and printing	1,050 68
Outside agencies and advertising	106 01
Contingencies	694 14
Taxes	3,497 84
Total	\$12,878 80

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	16.86	\$12,384 48
Maintenance of motive power and cars.....	12.72	9,352 59
Conducting transportation.....	51.52	37,840 50
General expenses, including taxes.....	18.90	13,878 80
Total operating expenses and taxes.....	100.00	\$78,456 37
Operating expenses and taxes per mile of road.....		\$3,182 68
Operating expenses and taxes per train mile run for trains earning revenue, 84,508 miles.....		37
Total proportion of expenses for Michigan.....		78,456 37
Percentage of expenses to earnings.....	62½	
Net earnings per mile of road.....		1,907 86
Net earnings per train mile.....		53

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Houghton to Red Jacket, March 26, 1886.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Houghton to Red Jacket.....	15.15	
Total length completed.....	15.15	

BRANCHES.

Franklin Branch, from Franklin to Quincy Mine.....	1.79	
Lake Branch, from Boston to end of track.....	2.50	
Wood Branch, from water tank to end of track.....	3.00	
Calumet Belt, from Calumet to Red Jacket.....	.64	
Total length of branches owned by company.....	7.93	
Total length of branches owned by company in Michigan.....		7.93
Total length of road belonging to this company.....	23.08	
Total length of road belonging to this company in Michigan.....		23.08
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....		2.73
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		26.81

Gauge of track, 3 feet.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	6	645

Draw bridges in Michigan.

How many on your line..... 1

Where located, when built, and length of draw span:
Houghton, Mich.; built in 1886: total length of draw span, 180 feet.

Character of structure:
Howe truss.

Material of which constructed:
Wood.

Height above water, and depth of water under bridge:
6 feet; 84 feet.

How swung, by engine or hand power:
Engine.

Approaches straight or curved:
Curved.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?
Yes; by flagmen.

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Hancock and Calumet at Osceola.
Hecla & Torch Lake at Calumet.

At what crossings are interlocking and derailing switches in operation?

Osceola and Calumet.

What pattern or patterns have you adopted?

Pennsylvania Steel Co.
Saxby and Farmer machine.

Number of crossings of highways at grade in this State.....	18
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	2
Number of crossings of highways over or under railroad (over 1, under 1).....	2
Number of highway bridges, 18 feet above track.....	1

Have safety guards been erected at over head obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?

Yes.

How are they treated?

Filled in with wooden blocks.

Stations.

Number of stations on whole line.....	4
Same in Michigan.....	4

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	107
Same in Michigan.....	107

Classify your employes as per following list:

	Number.
Brakemen.....	6
Conductors.....	3
Engineers.....	5
Firemen.....	4
Labores.....	17
Shopmen.....	27
Yardmen.....	2
Others.....	48

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you? 8.

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Houghton county.....	48.16
Total miles required.....	48.16

Road bed and track.

Number of track sections in Michigan.....	3
Average lengths of sections (miles).....	7
Average number of men in each section gang.....	3
Number of new ties put in whole line during year.....	7,225
Number of new ties put in track in Michigan.....	7,325
Average number of new ties per mile of road.....	813

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet).....	34
---	----

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	3	\$24,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	1	8,900 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender.....	4	22,000 00
Total.....	8	\$52,900 00
Number of passenger cars—8-wheel, including official cars.....	8	24,000 00
Number of express and baggage cars.....	2	5,000 00
Number of box freight cars.....	35	25,800 00
Number of platform cars.....	69	17,250 00
Number of ore cars.....	29	7,975 00
Number of conductors' way cars.....	1	500 00
Other cars as follows.....	1	200 00
Total.....	196	\$133,625 00

Number of locomotives equipped with power brakes.....	7
Number of passenger train cars equipped with power brakes.....	10
Number of freight cars equipped with power brakes.....	None
What patterns of power brakes have you in use, and number of locomotives and cars with each?	
3 locomotives—Westinghouse.	
4 " —American Brake Co., vacuum.	
9 passenger cars—Westinghouse.	
1 " —Kames vacuum.	

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1886?
Yes.

What pattern or patterns have you adopted for use?
Blocker.

How are your passenger cars heated?
Baker hot water heater.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	38,120
Miles run by freight trains during the year.....	46,388
Total mileage of trains earning revenue.....	84,508

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried.....	108,603		
Total number of passengers carried.....	108,603		
Total passenger mileage.....	890,906		
Average distance traveled by each passenger.....		8.36	
Average amount received from each passenger.....			\$0 32
Average rate of fare per mile for local passengers.....			08.82
Average rate of fare per mile for all passengers.....			03.82

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried.....	91,432		
Total tons of freight carried.....	91,432		
Total mileage of local freight.....	744,723		
Total freight mileage, or tons carried one mile.....	744,723		
Average ton haul for local freight.....		8.14	
Average ton haul for all freight.....		8.14	
Average amount received for each ton haul.....			\$0 79.07
Average rate per ton per mile, received for local freight.....			09.71
Average rate per ton per mile, received for all freight.....			09.71

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	4,896
Flour	3,434
Provisions (beef, pork, lard, etc.)	6,518
Animals	12
Other agricultural products	3,892
Lumber and forest products	13,408
Coal	25,790
Copper	7,044
Manufactures—articles shipped from point of production	6,640
Merchandise and other articles not enumerated above	19,798
Total forwarded	91,432

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	4,896	5.355
Flour	3,434	7.356
Provisions (beef, pork, lard, etc.)	6,518	7.129
Animals	12	.013
Other agricultural products	3,892	4.257
Lumber and forest products	13,408	14.664
Coal	25,790	28.207
Copper	7,044	7.704
Manufactures—articles shipped from point of production	6,640	7.263
Merchandise and other articles not enumerated above	19,798	21.653
Total tons carried	91,432	100.000

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Co.; pays double first class freight rates; deliveries made at R. E. depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

15 miles, belongs to this company.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

December 1, Jos. Michels, conductor, Osceola. Coupling.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars					1	
Total					1	

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons injured during the year	1
Number resulting from lack of caution, carelessness, or misconduct	1

CLASSIFICATION OF EMPLOYES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Conductors.....	-----	1	1

STATE OF MICHIGAN, { ss.
COUNTY OF MARQUETTE, }

Wm. F. Fitch, general manager. and Robert Toombs, auditor, of the Mineral Range Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. F. FITCH, *General Manager.*
R. TOOMBS, *Auditor.*

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

[L. S.]

JAS. WALLACE,
Notary Public.

ANNUAL REPORT
OF THE
MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RAILWAY
COMPANY.

For the year ending December 31, 1893.

[Filed April 28, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, THOMAS LOWRY, Minneapolis.
Vice President, R. B. LANGDON, Minneapolis.
Secretary, C. F. CLEMENT, Minneapolis.
Auditor, C. W. GARDNER, Minneapolis.
Treasurer, C. F. CLEMENT, Minneapolis.
General Manager, F. D. UNDERWOOD, Minneapolis.
Superintendent, E. PENNINGTON, Minneapolis.
Assistant to General Manager, W. T. WATKINS, Minneapolis.
Division Superintendents:
F. C. BATCHELDER, Minneapolis.
D. WILLARD, Gladstone.
Traffic Manager, H. L. SHUTE, Minneapolis.
Chief Engineer, W. W. RICH, Minneapolis.
Superintendent of Telegraph, H. W. THOMAS, Minneapolis.
General Passenger Agent, C. B. HIBBARD, Minneapolis.
General Freight Agent, W. L. MARTIN, Minneapolis.
Attorney, A. H. BRIGHT, Minneapolis.

DIRECTORS.

THOMAS LOWRY, Minneapolis.
R. B. LANGDON, Minneapolis.
JOHN MARTIN, Minneapolis.
J. S. PILLSBURY, Minneapolis.
W. D. WASHBURN, Minneapolis.
C. H. PETTIT, Minneapolis.
W. C. VAN HORNE, Montreal.
Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 11, 1888.
Number of stockholders at date of last election: 72.
Number of stockholders in Michigan at same date: None.
Amount of full paid stock held in Michigan at same date: None.
Date of annual meeting of stockholders: First Tuesday in June.
Fiscal year of company ends June 30.
General offices of the company are located at Minneapolis.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$3,320,800 62
Total expense, including taxes	\$2,537,326 72	
Net income		\$783,473 90
Interest on funded debt	\$931,943 82	
Rentals of buildings, tracks, etc.	120,196 16	
	\$1,052,039 98	
Balance for the year	\$268,506 08	
Balance (profit and loss) last year		\$187,597 66
Items not included in above, as follows:		
Interest discount		21,496 71
Balance forward to next year	\$109,478 71	

ANALYSIS OF CAPITAL STOCK.

Par value of shares	\$100 00	
Number of shares issued	210,000	
Amount paid in on common	\$14,000,000 00	
Amount paid in on preferred	7,000,000 00	
Total amount paid in, as per books of the company		\$21,000,000 00
Paid in per mile of road owned by company, 1,170.21 miles		17,945 51

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, M. & P. R'y bonds, January 1, 1896	4%	Jan. 1, 1936	New York	\$3,216,000 00
First mortgage, M. S. S. M. & A. R'y bonds, January 1, 1896	4%	Jan. 1, 1936	"	8,280,000 00
First mortgage, M. St. P. & S. S. M. R'y consol, January 1, 1898	4%	July 1, 1938	"	16,849,000 00
Income certificates, May 27, 1890		July 1, 1900	"	771,000 00
The R. R. Equipment Co., Nov. 25, 1897		Interest, \$1,122.46 monthly, included in notes, until Nov., 1897		58,878 08
American Trust Co., June 30, 1890	7%	\$3,795.67 semi-annual to June, 1896	Chicago	18,838 33
Bristol Wagon Car Co., England, November 1, 1892		Interest, \$1,900.90 monthly, included, until Nov. 1, 1897	New York	89,337 60
British Wagon Car Co., Nov. 1, 1892		In notes, until Nov., 1897	"	91,338 40
Victoria Rolling Switch Co., Toronto, Canada, December 1, 1893		Equipment, \$41,816.80; interest semi-annual, included in notes, until 1908	Toronto	835,492 58
Total funded debt				\$30,204,779 99

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For real estate	To be paid from real estate	\$83,000 00
For miscellaneous	} To be paid from earnings and assets of the road	1,696,759 55
For current balances		
Total unfunded debt		\$1,782,759 55

RECAPITULATION.

Total funded debt	\$30,204,779 99
Total unfunded debt	1,782,759 55
Total debt liabilities	\$31,987,539 54
Amount of debt liabilities per mile of road, 1,170.21 miles	27,384 87
Total amount of stock and debt	52,987,539 54
Stock and debt per mile of road, 1,170.21 miles	45,290 38

GENERAL BALANCE SHEET.—Dr.

Construction account	\$37,444,945 89
Equipment account	4,630,842 53
	\$42,075,788 42
Other investments:	
Preliminary survey	\$11,231 28
Real estate	216,294 96
Aberdeen, Bismark & N. W. R'y	5,396,275 45
Branch lines	3,103,392 23
	8,727,196 91
Cash items:	
Cash	\$283,818 19
Bills receivable	16,821 85
Due from agents	197,668 72
	498,304 16
Other assets:	
Materials and supplies	\$400,858 51
Sinking funds, S. S. M. Bridge Co.	7,501 72
Debit balances from companies and individuals	844,311 11
Minneapolis, St. Paul & S. S. M. consol. bonds	57,000 00
Treasury stock	225,600 00
Bonds Village Marine	800 00
International Bridge stock	500 00
Chapin Mining Co. bonds	40,200 00
	1,576,771 34
Income account	109,478 71
Total	\$52,987,539 54

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$11,000,000 00
Funded debt:	
First mortgage, M. & P. bonds	\$3,318,000 00
First mortgage, M. S. S. & A. bonds	8,280,000 00
First mortgage, M. St. P. & S. S. M. consol.	16,849,000 00
	\$28,345,000 00
Income certificates	771,000 00
Notes payable	1,088,779 99
	30,204,779 99
Unfunded debt:	
Interest unpaid	\$584,100 00
Notes payable	441,977 51
Vouchers and accounts	474,477 12
Other liabilities:	
Taxes	78,237 95
Foreign roads, due to	23,071 92
Pay rolls	185,196 05
	1,782,759 55
Total	\$52,987,539 54

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$50,596,090 87
Average cost per mile of road, not including sidings, 1,170.21 miles	43,228 72
Proportion of cost for Michigan	8,997,760 12

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

	Extensions and new sidings.	New buildings.	New fences.	Machin- ery and tools.	New locomo- tives.	New cars.	Total.
Main line	\$366,904 21	\$55,968 58	\$1,039 00	\$5,981 31	\$408,784 76	\$760,779 81	\$1,589,432 62
Branches.							
Sheyenne branch	298,315 06						
Valley City Extension	380,818 89						
Boynton Extension	29,138 34						
Merricourt Extension	60,433 93						
Minot Extension	3,103,392 22						
A. B. & N. W. R'y	2,042 61						
							8,974,141 05
Total charges	\$4,231,045 26	\$55,968 58	\$1,039 00	\$5,981 31	\$408,764 76	\$760,779 81	\$5,463,573 67

Total charges to property account as above..... \$5,463,573 67

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares	\$831,008 62
Through fares	288,902 71
Total passenger fares	\$614,912 33
Express and baggage	18,596 41
Mails	35,356 81
Other sources	26,720 81
Total passenger department earnings	\$744,586 36
Proportion for Michigan	\$201,369 58
Per train mile	1 23
Per mile of road	1,010 74

FREIGHT EARNINGS.

Main line and branches:	
Local traffic	\$1,712,496 63
Through traffic	774,729 96
Total traffic	\$2,487,226 59
Other sources	13,554 27
Total freight department earnings	2,500,780 86
Proportion for Michigan	\$484,975 34
Per train mile	1 37
Per mile of road	2,434 25
Total transportation earnings	\$3,245,367 22
Transportation earnings per mile of road	\$2,730 16
Transportation earnings per train mile	1 28.4

Miscellaneous receipts from operating account, other than for transportation, as follows:

From telegraph	\$14,731 54
From other sources	60,701 86
Total	75,433 40
Total earnings from operation of road	*\$3,320,800 62
Total earnings per mile of road	\$2,798 62
Total earnings per train mile	1 31.4
Proportion of taxable earnings for Michigan	754,575 93
Total taxable earnings per mile of road in Michigan	3,787 46

Total income from all sources	\$3,320,800 62
Proportion of income for Michigan	758,664 08

*This includes \$312,617.37 earnings on transportation of company's material.

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$239,974 60
Renewals of rails.....	1,227 80
Renewals of ties.....	78,461 28
Repairs of bridges, including culverts and cattle guards.....	90,983 27
Repairs of fences, road crossings and signs.....	3,654 76
Repairs of buildings.....	37,496 23
Telegraph.....	5,823 86
Total.....	\$457,619 40

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$135,190 29
Repairs of passenger cars.....	52,922 06
Repairs of freight cars.....	187,412 41
Repairs of shop machinery and tools.....	10,282 41
Total.....	\$385,757 16

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$425,689 27
Water supply.....	19,951 08
Oil and waste.....	10,842 96
Locomotive service.....	206,509 84
Passenger train service.....	39,165 44
Passenger train supplies.....	10,394 79
Mileage of passenger cars.....	1,751 85
Freight train service.....	124,478 44
Freight train supplies.....	12,697 38
Mileage of freight cars.....	Credit, \$26,880.60
Telegraph expenses (maintenance and operating).....	45,665 13
Damage and loss of freight and baggage.....	18,225 24
Damages to property and cattle.....	10,893 31
Personal injuries.....	20,898 44
Agents and station service.....	152,502 26
Station supplies.....	21,334 85
Other.....	180,723 85
Total.....	\$1,281,418 49

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$38,470 15
Salaries of clerks in general offices.....	44,099 97
Law expenses.....	19,832 35
Insurance.....	27,107 28
Stationery and printing.....	24,052 26
Outside agencies and advertising.....	64,192 91
Contingencies.....	118,912 14
Taxes.....	76,314 73
Total.....	\$412,531 67

RECAPITULATION OF EXPENSES.

	Percent of expenses.	
Maintenance of way and buildings.....	18.04	\$457,619 40
Maintenance of motive power and cars.....	15.28	385,757 16
Conducting transportation.....	80.51	1,281,418 49
General expenses, including taxes.....	16.22	412,531 67
Total operating expenses and taxes.....	100.00	\$2,537,326 72
Operating expenses and taxes per mile of road.....		\$2,124 52
Operating expenses and taxes per train mile run for trains earning revenue, 2,527,153 miles.....	\$100	
Proportion of operating expenses and taxes for Michigan, main line.....		667,225 96
Total proportion of expenses for Michigan.....		667,226 96
Percentage of expenses to earnings.....	88	
Net earnings per mile of road.....		458 95
Net earnings per train mile.....		17

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Minneapolis, Minn., to Sault Ste. Marie, Mich., Jan. 1, 1888.
 From Minneapolis, Minn., to Lidgerwood, N. D., Dec. 20, 1886.
 From Lidgerwood, N. D., to Boynton, N. D., Oct. 29, 1887.
 From Boynton, N. D., to Merricourt, N. D., Nov. 5, 1891.
 From Cardigan Junction, Minn., to St. Paul, Minn., Feb. 23, 1888.
 From Dresser Junction, Minn., to St. Croix Falls, Wis., Sept. 12, 1887.
 From Brantwood, Wis., to end of track, Jan. 1, 1891.
 From Camden Place, Minn., to Northtown Junction, Minn., April 6, 1891.
 From Hankinson, N. D., to Valley City, N. D., Nov. 11, 1891.
 From Valley City, N. D., to Cathay, N. D., Dec. 1, 1892.
 From Merricourt, N. D., to Kulm, N. D., Nov. 13, 1892.
 From Cathay, N. D., to Portal, N. D., Sept. 25, 1893.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Sault Ste. Marie to Menominee River.....	192.01	
In Wisconsin, from Menominee to St. Croix River.....	262.80	
In Minnesota, from St. Croix River to North Dakota line.....	223.59	
In North Dakota from Minnesota line to Canadian line.....	960.82	
Total length completed.....		1,039.22

BRANCHES.

Gladstone, Mich., to end of track.....	1.10	
Gladstone, Mich., to end of track.....	1.13	
Setif, Mich., to end of track.....	1.51	
Cherry, Mich., to end of track.....	.73	
Masonville, Mich., to end of track.....	.39	
East Lake, Mich., to end of track.....	.61	
Marble Head, Mich., to end of track.....	1.41	
Dresser Junction, Wis., to St. Croix.....	4.05	
Brantwood, Wis., to end of track.....	4.57	
Glen Flora, Wis., to end of track.....	.40	
Prentice, Wis., to end of track.....	.53	
Rhineland, Wis., to end of track.....	.62	
Armstrong Creek, Wis., to end of track.....	3.05	
Cardigan Junction, Minn., to St. Paul.....	5.24	
Camden Place, Minn., to Northtown Junction.....	1.01	
Hankinson, N. D., to Kulm.....	104.54	
Total length of branches owned by company.....		190.99
Total length of branches owned by company in Michigan.....	6.88	
Total length of road belonging to this company.....		1,170.21
Total length of road belonging to this company in Michigan.....	198.89	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	37.06	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		235.95
Gauge of track, 4 feet 8½ inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles, in Michigan.	
Minneapolis & St. Paul terminals North Pacific R'y.....	7.16	
Sault Ste. Marie terminals D., S. S. & A. R'y.....	.34	.34
St. Paul to Minneapolis, G. N. R'y.....	11.00	
Total.....	18.50	.34
Total miles operated by the company.....	1,188.71	190.23

The above mileage consists of the terminal tracks used by this company at Minneapolis, St. Paul and Sault Ste. Marie and owned by the above mentioned companies.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges, including approaches.....	13	6,882
Wooden trestles.....	89	9,350
Total.....	102	16,232

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

D., S. S. & A. R. R., at Trout Lake.

C. & N. W. R. R., at Hermanville and Eastle.

Logging R. R., at South Manistique, Delta Junction, Mille Coquins and Naubinway.

What railroads cross your road either over or under your grade in this State, and where?

Over—C. & N. W. R. R., at Flat Rock.

Number of crossings of highways at grade in this State: 47.

Number of crossings of highways over or under railroad. over. 2.

Number of highway bridges, 18 feet above track: 2.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Blocked with plank or cinders and sand.

Employés.

Number of persons regularly employed on all roads operated by company, including officials	2,708
Same in Michigan.....	550

Classify your employés as per following list:

Number.

Baggageman.....	}	158
Brakemen.....		67
Conductors.....		108
Engineers.....		116
Firemen.....		847
Laborers.....		849
Shopmen.....		31
Yardmen.....		1,032
Others.....		

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you	175.55
--	--------

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Chippewa and Mackine counties.....	222.23
Total miles required.....	222.23

Road bed and track.

Number of track sections in Michigan	27
Average lengths of sections, miles	7
Average number of men in each section gang.....	5
Number of new ties put in whole line during the year	435,542
Number of new ties put in track in Michigan.....	56,489
Average number of new ties per mile of road in Michigan.....	298
New rails put in track:	
Steel, tons 40; 1,344 feet.	

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 80 tons weight, exclusive of tender.....	103	
Number of locomotives of 10 to 20 tons weight, exclusive of tender	1	
Total.....	104	\$580,493.92
Number of passenger cars—12-wheel, including official cars	17	\$231,572 15
Number of passenger cars—8-wheel, including official cars	37	190,041 53
Number of express and baggage cars.....	18	32,754 83
Number of box freight cars.....	4,486	1,929,164 72
Number of stock cars.....	108	54,432 14
Number of platform cars.....	719	173,513 51
Number of ore cars.....	150	54,481 86
Number of conductors' way cars.....	75	58,077 19
Other cars as follows:		
Ballast.....	52	
Charcoal.....	53	
Furniture.....	10	
Refrigerator.....	14	
	129	105,635 03
Total.....	5,734	\$3,710,166 83

Number of locomotives equipped with power brakes	104
Number of passenger train cars equipped with power brakes	72
Number of freight cars equipped with power brakes	88

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 Air brake: Locomotives, 65; box, 40; flat, 43.
 Steam brake: Locomotives, 33.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?
 Yes.

What pattern or patterns have you adopted for use?
 Wilson and Blocher. Trojan Car Coupling Co.

How are your passenger cars heated?
 Baker's improved fire proof heater and steam heat.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	732,056
Miles run by freight trains during the year	1,504,589
Miles run by mixed trains	290,558
Total mileage of trains earning revenue	2,527,153

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	54,706		
Number of local passengers carried	253,218		
Total number of passengers carried	307,924		
Total passenger mileage		29,328,193	
Average distance traveled by each passenger		95.24	
Average amount received from each passenger			\$1 99
Average rate of fare per mile for through passengers			01.61
Average rate of fare per mile for local passengers			02.61
Average rate of fare per mile for all passengers			02.09

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	786,233		
Number of tons of local freight carried	943,496		
Total tons of freight carried	1,729,669		
Total mileage of through freight		148,597,267	
Total mileage of local freight		189,451,095	
Total freight mileage, or tons carried one mile		338,048,352	
Average ton haul for through freight		189	
Average ton haul for local freight		200	
Average ton haul for all freight		196	
Average amount received for each ton haul			\$1 44
Average rate per ton per mile received for through freight			00.5
Average rate per ton per mile received for local freight			00.9
Average rate per ton per mile received for all freight			00.7

Freight forwarded in Michigan.

	Forwarded, tons.
Grain	143,616
Flour	208,118
Provisions (beef, pork, lard, etc.)	4,048
Animals	649
Other agricultural products	5,585
Lumber and forest products	181,751
Coal	122,913
Plaster, lime and cement	14,404
Salt	5,218
Petroleum	1,455
Railroad iron, iron and steel rails	499
Pig and bloom iron	12,114
Other iron and castings	2,481
Ores	228,701
Stone, brick and sand	1,180
Merchandise and other articles not enumerated above	71,055
Total forwarded	998,782

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain.....	233,877	16.32
Flour.....	222,235	12.85
Provisions (beef, pork, lard, etc.).....	5,110	.30
Animals.....	7,077	.41
Other agricultural products.....	14,425	.83
Lumber and forest products.....	613,444	35.50
Coal.....	131,245	7.59
Plaster, lime and cement.....	18,833	1.15
Salt.....	5,307	.31
Petroleum.....	3,252	.19
Railroad iron, iron and steel rails.....	30,646	1.77
Pig and bloom iron.....	14,994	.87
Other iron and castings.....	4,506	.26
Ores.....	223,701	12.93
Stone, brick and sand.....	8,278	.18
Merchandise and other articles not enumerated above.....	147,735	8.54
Total tons carried.....	1,729,689	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co.

For a tonnage equal to 2,720 pounds carried daily 494 miles, the compensation is per month \$1,041.67 excess to be paid at same rate proportionately.

Fast Freight Lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Arms Palace Horse Car Co.....	Chicago, Ills.....	\$26 56
Burton Stock Car Co.....	Chicago, Ills.....	1 95
Canda Cattle Car Co.....	Chicago, Ills.....	35 27
Chicago Refrigerator Car Co.....	Lafayette, Ind.....	
Hammond Refrigerator Car Co.....	Hammond, Ind.....	11 85
Merchant's Despatch Transportation Co.....	New York, City.....	233 79
Swift Refrigerator Co.....	Chicago, Ills.....	2 69
Union Refrigerator Transportation Co.....	St. Louis, Mo.....	133 42
Streets Stable Car Co.....	Chicago, Ills.....	27 70
Union Tank Line.....	New York City.....	9 46
Paragon Refining Co.....	Toledo, Ohio.....	80 15
Craig Oil Co.....	Toledo, Ohio.....	32 93
Cornplanter Tank Line.....	Warren, Penn.....	93 34
Blue Line.....	Rochester, N. Y.....	622 33
White Line.....	Buffalo, N. Y.....	9 88
Red Line.....	Buffalo, N. Y.....	19 59
Erie Despatch.....	Chicago, Ills.....	15 78
Midland Line.....	Buffalo, N. Y.....	
Michigan Salt Line Car Loan Co.....	Minneapolis, Minn.....	4,563 83
American Refrigerator Transportation Co.....	St. Louis, Mo.....	4 14
Anglo American Refrigerator Co.....	Chicago, Ills.....	63
Armour Refrigerator Line.....	Chicago, Ills.....	19 59
Century Oil Co.....	Lima, Ohio.....	5 90
Cudahy Refrigerator Line.....	Chicago, Ills.....	42 82
Empire Line.....	Philadelphia, Penn.....	12 12
Empire Oil Works.....	Oil City, Penn.....	80
Eureka Transportation Co.....	Minneapolis, Minn.....	77 17
Keystone Palace Horse Car.....	Chicago, Ills.....	8 49
National Despatch Line.....	Boston, Mass.....	134 97
New York Despatch Refrigerator Line.....	Boston, Mass.....	5 26
Sun Oil Line Co.....	Toledo, Ohio.....	33 31
Total.....		\$3,285 83

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

1,150.25 miles. Owned by the Minneapolis, St. Paul & Sault Ste. Marie R'y Co.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies.

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

We operate our own sleeping cars.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

October 3, Jas. Summerville, Haslemere. Trespasser; struck on track by engine.
 " 3, Jno. Highs, Haslemere. Trespasser; Struck on track by engine.

INJURED.

January 9, Chas. Parks, brakeman. Sprain of back; fall from van.
 " 11, Jno. Cusick, switchman. Fracture wrist bone; frozen switch.
 " 25, Jno. Devine, brakeman. Fingers and thumb bruised; coupling train.
 " 28, Andrew Teakey, wiper. Scalp wound; falling ice.
 " 21, Peter Clark, brakeman. Thumb and first finger pinched; coupling cars.
 " 29, Cornelius Dickeson, brakeman. Cinder in left eye; setting brakes.
 " 25, W. T. Parker, Eng. Dispr. Sprained left loin, leg skinned; fell in tunnel of round house.
 " 7, A. B. Cassidy, Car inspector. Squeezed between cars; inspecting cars.
 February 1, Henry Reichal, switchman. Lost part of finger; making coupling.
 " 5, F. H. May, Eng. Dispr. Right arm mangled; fell into side of engine.
 " 5, Geo. South, one leg off; lying across rail intoxicated.
 " 8, J. J. Danner, fireman. Knee bruised; slipped and knee struck on rail.
 " 11, Jno. McClinchey, brakeman. Arm bruised; making coupling.
 " 9, E. J. Madden, brakeman. Three fingers off; making coupling.
 " 3, Harvey Mix, fireman. Burn on wrist; opening window, hand slipped on injector.
 " 17, Clarence Mason, brakeman. Sprain of back; frozen switch.
 " 17, J. A. Honle, fireman. Split finger nail; pulling headlight out of casing.
 " 24, Fred Shearer, wiper. Third finger injured; was going to knock fire out of engine.
 " 27, M. McDonald, laborer lumber camps. Wound on top head; lying across track.
 " 20, Louis Olson, machinist. Finger jammed; pulling up ash pan on engine.
 " 24, Jno. DeGroot, laborer coal dock. Arm strained; falling on coal.
 " 17, Sam. Gaul, engineer. Sprained back; lifting main rod into engine.
 March 2, John Miller, section man. Knee joint injured; struck by crank on snow plow.
 " 11, E. H. Chermide, machinist. Left eye ball cut; cutting off rivet head, piece flew and hit him.
 " 6, S. Bumstead, teamster. Hands jammed; raising running board for horses to pass under.
 " 6, H. W. Hubbard, engineer. Body injured; working his engine.
 April 2, Alex. Kaitting, switchman. Hand bruised; coupling.
 " 5, Henry Larson, carpenter. Foot cut; adzing plank.
 " 16, W. A. Cramer, fireman. Chin cut; fell into cinder pit.
 " 18, Jas. O'Malley, night yard master. Head and shoulders injured; fall from car.
 " 23, T. F. McGerty, switchman. Fingers injured; coupling.
 " 25, Wm. Sweeney, brakeman. Ankle sprained; slipped while switching.
 " 29, F. E. Swift, conductor. Back sprained, setting a brake.
 " 29, H. W. Hubbard, engineer. Back injured; jumped from engine.
 May 2, Peter Johnson, coal shoveler. Toe crushed; falling coal.
 " 2, Edw. Biele, laborer flour dock. Knee and ankle sprained; falling flour.
 " 1, Benj. Frederickson, laborer flour dock. Eye injured; board falling.
 " 11, Owen O'Donnell, switchman. Hand crushed; coupling.
 " 11, Chas. Soderberg, coal heaver. Head injured; by coal bucket.
 " 11, Mark Dupre.
 " 16, A. Williamson, brakeman. Hand crushed; coupling.
 " 16, Wm. Carlson, brakeman. Hot cinder in eye; switching.
 " 20, Alex. King, hatch tender. Foot crushed; falling coal.
 " 12, Dupre Mawk, laborer. Nail in foot; trucking merchandise.
 " 15, J. S. Doolittle, engineer. Bodily sprain; getting on engine.
 " 23, F. W. Niles, fireman. Crushed under engine.
 June 2, Hagbard Olson, coal dock laborer. Ankles sprained; fell off box car.
 " 7, Albert Shunk, brakeman. Fingers crushed; coupling.
 " 13, Abel King, dock laborer. Knee sprained; falling flour.
 " 14, Jos. Moore, laborer flour dock. Finger jammed; iron fell on hand.
 " 15, Jno. Scanlan, laborer. Two ribs broken; tree falling across car.
 " 17, Edw. Bonno, giving signals. Knees sprained; fell down hatchway.
 " 26, C. H. Colling, fireman. Face scalded; glass in lubricator burst.
 " 30, Isaac Jacob, laborer. Fingers cut; caught in pelley.

July 1, Wm. Cahill, stowaway. Toe bruised; iron fell on toe.
 " 2, T. Burnette, elevator laborer. Shoulder sprained; fell in hole of trap door.
 " 21, Geo. Hartigan, laborer. Foot crushed; struck by bale of burlap.
 " 25, J. B. Terrien, laborer. Knee sprained; struck by sack of bran.
 " 31, Ernest Gordon, laborer. Forehead cut; struck by shovel which coal trimmers threw.
 August 14, Gust Larson, coal heaver. Scalp wound; struck by coal.
 " 16, Andrew Hubert, laborer. Finger cut; caught between barrels of flour.
 " 25, Fred Carlson, stowaway. Head and back injured; stowing flour and strong back hit him.
 September 13, A. Anderson, coal heaver. Back injured; struck by coal.
 " 13, Nels Barson, coal heaver. Foot crushed; struck by coal dumped from bucket.
 " 23, Carl Hegg, coal heaver. Injured by falling coal.
 October 9, W. A. McKay, elevator man. Scalp injured; struck by lever.
 " 10, P. McNamara, laborer flour dock. Wrist sprained; sack of flour fell on hand.
 " 19, Chas. Ericson, coal heaver. Head cut; falling coal.
 " 24, Jas. McBarney, workman. Shoulder dislocated; fell from ladder on boat.
 November 12, Christ Miller, laborer. Foot bruised; package of paper fell on foot.
 " 17, Jas. Nolan, laborer. Scalp wound; truck tipped up and head struck gangway.
 " 18, And. Olson, laborer. Leg off; car wheel ran over leg.
 December 15, Jno. Johnson, laborer. Radius fracture; struck by coal.

MISCELLANEOUS.

August 28, Mrs. Geo. Acheson, passenger. Jumped from train while in motion.
 July 1, W. A. Troxel, brakeman. Two fingers bruised; door shut on hand.
 " 8, E. Helander, car repairer. Rib fractured; struck by falling plank.
 " 10, A. F. Anderson, coal weigher. Wrist sprained; moving derrick.
 " 15, J. G. Keeling, brakeman. Clavicle fracture; coupling.
 " 21, Leroy Burchfield, switchman. Finger cut; trying to stop car with wood.
 " 19, H. Anderson, hoisting engineer. Loin bruised; coupling.
 " 22, Wm. Carlson, brakeman. Fingers pinched; coupling.
 September 25, Jas. McFadden, brakeman. Hand crushed; coupling.
 " 20, Chas. Norton, engineer. Shoulder and ankle sprained; jumped from engine.
 " 24, Frank Roby, brakeman. Leg off; trying to board engine when train was pulling out, fell under tank.
 October 13, E. W. Liscome, conductor. Three ribs fractured; fell from top of caboose to platform.
 " 26, T. J. Welliver, brakeman. Lips cut; struck by coupling pin.
 November 8, Jas. W. Brooks, pumper. Legs run over; tried to go under draw bar.
 " 11, Hulbert Keller, section laborer. Toes smashed; ran into by hand car.
 " 19, Alex. Hawkins, laborer in round house. Hand bruised; turning turntable.
 " 20, Leroy Burchfield, switchman. Hip bruised; fell from top of box car.
 " 24, Jno. J. Danner, fireman. Scalp injured; slipped on step of tender and fell.
 December 2, Daulton McFadden pumpman. Foot scalded; stepped into tank of hot water.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					14	
Falling from trains.....					5	
Getting on and off trains.....					6	
Miscellaneous.....					64	
Trespassers on tracks.....			2		2	
Total.....			2		91	

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....		18	18
Conductors.....		2	2
Engineers.....		6	6
Firemen.....		7	7
Laborers.....		34	34
Shopmen.....		4	4
Yardmen.....		8	8
Not classified above.....		12	12
Total.....		91	91

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	2
Number of persons injured during the year.....	91

STATE OF MINNESOTA, } ss.
COUNTY OF HENNEPIN, }

F. D. Underwood, general manager, and C. W. Gardner, auditor, of the Minneapolis, St. Paul & Sault Ste. Marie Railway Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

F. D. UNDERWOOD.
C. W. GARDNER.

Subscribed and sworn to before me this 28d day of April, A. D. 1894.
[L. S.]

W. L. MARTIN,
Notary Public.

ANNUAL REPORT.
OF THE
PONTIAC, OXFORD & NORTHERN RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed April 17, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, HUGH PORTER, New York City, N. Y.
Vice President, GEO. W. DEBEVOISE, New York City, N. Y.
Secretary, WILLIAM H. MURPHY, New York City, N. Y.
Auditor, F. H. CARROLL, Pontiac, Mich.
Treasurer, HUGH PORTER, New York City, N. Y.
General Superintendent, W. C. SANFORD, Pontiac, Mich.
Cashier, F. R. BOYD, Jr., Pontiac, Mich.
General Passenger Agent, W. C. SANFORD, Pontiac, Mich.
General Freight Agent, W. C. SANFORD, Pontiac, Mich.
Attorney, A. C. BALDWIN, Pontiac, Mich.

DIRECTORS.

HUGH PORTER, New York City, N. Y.
 GEO. W. DEBEVOISE, New York City, N. Y.
 L. H. HALE, New York City, N. Y.
 WM. H. MURPHY, New York City, N. Y.
 HENRY A. O'BRIEN, New York City, N. Y.
 A. C. BALDWIN, Pontiac, Mich.
 F. H. CARROLL, Pontiac, Mich.
 Terms expire September 19, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: September 24, 1889.
 Number of stockholders at date of last election: 10.
 Number of stockholders in Michigan at same date: 2.
 Amount of full paid stock held in Michigan at same date: \$2,000.00.
 Date of annual meeting of stockholders: First Wednesday after third Monday in September.
 Fiscal year of company ends June 30.
 General offices of the company are located at Pontiac, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$128,267 82
Total expenses, including taxes.....	\$92,511 21	
Net income.....		\$35,756 61
Rentals of buildings, tracks, etc.....		176 00
Balance applicable to dividends.....		\$35,932 61
Dividends declared (4 per cent).....	\$40,000 00	
Balance for the year.....	\$4,067 39	
Balance (profit and loss) last year.....		13,558 95
Items not included in above, as follows:		
Sundry material accounts.....	\$1,275 59	
Balance forward to next year.....		12,215 97

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$1,000,000 00
Par value of shares	\$100 00	
Number of shares issued	10,000	
Amount paid in on common		\$1,000,000 00
Total amount paid in, as per books of the company		1,000,000 00
Paid in per mile of road owned by company, 100 miles		10,000 00

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Amount.
For miscellaneous	\$18,528 87
For current balances	1,842 98
Total unfunded debt	\$19,866 85

RECAPITULATION.

Total unfunded debt	\$19,866 85
Total debt liabilities	\$19,866 85
Amount of debt liabilities per mile of road, 100 miles	198 66
Total amount of stock and debt	1,019,866 85
Stock and debt per mile of road, 100 miles	10,198 66

GENERAL BALANCE SHEET.—Dr.

Construction account	\$392,430 56
Equipment account	118,845 55
Cash items:	
Cash	\$7,646 88
Due from agents	2,381 94
	10,028 82
Other assets:	
Materials and supplies	\$6,869 85
Debit balances from companies and individuals	5,408 04
	11,777 89
Total	\$1,083,062 82

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$1,000,000 00
Unfunded debt:	
Vouchers and accounts	19,866 85
Profit and loss or income accounts	13,215 97
Total	\$1,083,062 82

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: September 24, 1889.	
Original cost to present company, of road and equipment	\$1,000,000 00
Amount expended since purchase, account of construction	2,980 56
Amount expended since purchase, account of equipment	8,345 55
Total cost to date of report	\$1,011,276 11
Average cost per mile of road, not including sidings, 100 miles	10,112 76
Proportion of cost for Michigan	1,011,276 11

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$1,899 88
New buildings.....	813 48
New locomotives.....	8,845 55
Total.....	\$10,568 91
Total charges to property account as above.....	10,568 91
Net addition to property account.....	10,568 91

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Local fares.....	\$43,827 28
Through fares.....	697 00
Total passenger fares.....	\$44,524 28
Express and baggage.....	2,282 15
Mails.....	7,585 69
Total passenger department earnings.....	\$54,392 12
Proportion for Michigan.....	\$54,392 12
Per train mile.....	41
Per mile of road.....	543 92

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$69,756 16
Through traffic.....	4,119 54
Total traffic.....	\$73,875 70
Total freight department earnings.....	73,875 70
Proportion for Michigan.....	\$73,875 70
Per train mile.....	1 00
Per mile of road.....	738 75
Total transportation earnings.....	\$128,267 82
Transportation earnings per mile of road.....	\$1,282 67
Transportation earnings per train mile.....	62.21
Miscellaneous receipts from operating account, other than for transportation as follows:	
From other sources.....	176 00
Total.....	176 00
Total earnings from operation of road.....	\$128,443 82
Total earnings per mile of road.....	1,284 43
Total earnings per train mile.....	62.30
Proportion of taxable earnings for Michigan.....	128,443 82
Total taxable earnings per mile of road in Michigan.....	1,284 43
Total income from all sources.....	128,443 82

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$16,290 03
Renewals of ties.....	1,974 60
Repairs of bridges, including culverts and cattle guards.....	2,552 28
Repairs of fences, road crossings and signs.....	1,067 57
Repairs of buildings.....	1,451 27
Total.....	\$23,335 69

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$5,401 27
Repairs of passenger cars.....	1,458 13
Repairs of freight cars.....	3,470 10
Total.....	\$10,329 50

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$18,177 23
Water supply	907 63
Oil and waste	856 98
Locomotive service	10,086 74
Passenger train service	2,977 85
Passenger train supplies	453 87
Mileage of passenger cars	23 83
Freight train service	4,377 48
Freight train supplies	118 87
Mileage of freight cars	2,174 69
Telegraph expenses (maintenance and operating)	2,445 11
Damage and loss of freight and baggage	89 20
Damages to property and cattle	129 75
Personal injuries	157 15
Agents and station service	6,181 92
Station supplies	585 51
Total	\$44,628 76

GENERAL EXPENSES.

Salaries of the general offices of the company	\$5,700 00
Salaries of clerks in general offices	2,435 00
Law expenses	1,359 26
Stationery and printing	1,069 88
Outside agencies and advertising	202 50
Contingencies	867 24
Taxes	2,568 88
Total	\$14,222 26

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	25.32	\$23,435 69
Maintenance of motive power and cars	11.17	10,329 50
Conducting transportation	48.24	44,628 76
General expenses, including taxes	15.37	14,222 26
Total operating expenses and taxes	100.00	\$92,511 21
Operating expenses and taxes per mile of road		\$925 11
Operating expenses and taxes per train mile run for trains earning revenue, 306,163 miles		44.37
Total proportion of expenses for Michigan		92,511 21
Percentage of expenses to earnings	72.02%	
Net earnings per mile of road		359 32
Net earnings per train mile		17.43

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Pontiac, Mich., to Caseville, Mich., October 8, 1893.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Pontiac to Caseville	100.20	
Total length completed	100.20	
Total length of road belonging to this company		100.20
Total length of road belonging to this company in Michigan	100.20	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	7.57	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		107.77
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	8	210
Wooden trestles	18	1,360
Total	21	1,570

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Michigan Central R. R. at Oxford.
Flint & Pere Marquette R. R. at Clifford.
Saginaw, Tuscola & Huron R. R. at Pigeon.

What railroads cross your road either over or under your grade in this State, and where?

Over:
Chicago & Grand Trunk R. R. at Imlay City.

At what crossings are interlocking and derailing switches in operation?

Oxford Junction.

What pattern or patterns have you adopted?

Saxby & Farmer lever machine made by Union Switch & Signal Company.

Number of crossings of highways at grade in this State..... 106

Have safety guards been erected at overhead obstructions:

Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884:

Yes.

How are they treated:

Space between rails filled with wood blocking.

Stations.

Number of stations on whole line 22
Same in Michigan 22

Employees.

Number of persons regularly employed on all roads operated by company, including officials 124
Same in Michigan 124

Classify your employees as per following list:

Number.

Baggagemen	2
Brakemen	6
Conductors	4
Engineers	4
Firemen	4
Laborers	48
Shopmen	21
Others	35

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you..... 198.9

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Tuscola county .....	.4
Huron county	5.7
Total miles required.....	6.1

Road bed and track.

Number of track sections in Michigan.....	16
Average lengths of sections (miles)	6.26
Average number of men in each section gang	3
Number of new ties put in whole line during the year.....	10,573
Number of new ties put in track in Michigan	10,573
Average number of new ties per mile of road	106.73

Bridges and culverts.

Timber culverts replaced during the year	2
With sewer pipe—number.....	2

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 80 tons weight, exclusive of tender.....	8	\$24,845 55
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	3	18,000 00
Total.....	6	\$42,845 55
Number of passenger cars—8-wheel including official cars	7	31,500 00
Number of express and baggage cars.....	1	2,500 00
Number of box freight cars.....	46	18,400 00
Number of stock cars.....	4	1,500 00
Number of platform cars.....	61	21,350 00
Number of conductors' way cars.....	1	450 00
Other cars as follows:		
Snow plow.....	1	800 00
Total.....	121	\$118,845 55

Number of locomotives equipped with power brakes.....	6
Number of passenger train cars equipped with power brakes	8

What patterns of power breaks have you in use, and number of locomotives and cars with each?

Westinghouse automatic air brake, 8 cars, 4 locomotives,

New York automatic air brake, 1 locomotive.

Eames' vacuum driver brake, 1 locomotive.

Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1893?

Yes.

What pattern or patterns have you adopted for use?

Hinson.

How are your passenger cars heated?

Hot water circulation. Mason Anti-Fire Heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	132,488
Miles run by freight trains during the year	78,674
Total mileage of trains earning revenue.....	206,162

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	346		
Number of local passengers carried.....	87,771		
Total number of passengers carried	88,117		
Total passenger mileage.....		2,014,477	
Average distance traveled by each passenger.....		22.86	
Average amount received from each passenger.....			\$0 50.52
Average rate of fare per mile for through passengers.....			02.08
Average rate of fare per mile for local passengers.....			02.21
Average rate of fare per mile for all passengers.....			02.21

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	4,165		
Number of tons of local freight carried	83,755		
Total tons of freight carried	87,920		
Total mileage of through freight.....		882,638	
Total mileage of local freight.....		3,153,869	
Total freight mileage, or tons carried one mile		3,566,597	
Average ton haul for through freight.....		91.8	
Average ton haul for local freight		85	
Average ton haul for all freight		40.5	
Average amount received for each ton haul.....			\$0 84.02
Average rate per ton per mile, received for through freight.....			01.07
Average rate per ton per mile, received for local freight.....			02.19
Average rate per ton per mile, received for all freight			02.07

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	10,930
Flour.....	1,001
Animals.....	4,199
Other agricultural products.....	20,904
Lumber and forest products.....	23,234
Coal.....	8,480
Plaster, lime and cement.....	855
Salt.....	450
Petroleum.....	187
Stone, brick and sand.....	2,198
Manufactures—articles shipped from point of production.....	4,499
Merchandise and other articles not enumerated above.....	10,983
Total forwarded.....	87,920

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	10,980	12.44
Flour.....	1,001	1.14
Animals.....	4,199	4.77
Other agricultural products.....	20,904	23.78
Lumber and forest products.....	23,234	26.42
Coal.....	8,480	9.64
Plaster, lime and cement.....	855	.97
Salt.....	450	.51
Petroleum.....	187	.21
Stone, brick and sand.....	2,198	2.50
Manufactures—articles shipped from point of production.....	4,499	5.12
Merchandise and other articles not enumerated above.....	10,983	12.50
Total tons carried.....	87,920	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Company. One and one-half and one and one-tenth first class freight rates and one-half fare for messengers. General express business. Take their freights at depots.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

One hundred miles. Owned jointly by this company and the Western Union Telegraph Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

June 3, Norton Gordonier, section foreman, Pontiac. Squeezed between engine tender and coal car; own carelessness.

December 22, James Parcell, tramp, Pontiac. Fell off freight car and was run over; own carelessness.

INJURED.

November 7, August Sheardy, Oxford. Arm broken when thrown from wagon, struck by backing train while he was carelessly crossing track.

December 23, W. I. Parker, car repairer, Pontiac. Arm dislocated, fell from moving train; own carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Falling from trains.....					1	
Highway crossings.....						1
Miscellaneous.....		1				
Trespassers on trains.....			1			
Total.....		1	1		1	1

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	2
Number of persons injured during the year.....	2
Number resulting from lack of caution, carelessness, or misconduct.....	4
Trespassers and tramps killed or injured.....	1

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Laborers.....	1		1
Not classified above.....		1	1
Total.....	1	1	2

STATE OF MICHIGAN, }
COUNTY OF OAKLAND, } ss.

W. C. Sanford, general freight and passenger agent, and Frank H. Carroll, auditor of the Pontiac, Oxford & Northern Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. C. SANFORD,
General Freight and Passenger Agent.
FRANK H. CARROLL,
Auditor.

Subscribed and sworn to before me this 11th day of April, A. D. 1894.

JAMES H. HARGER,
Notary Public.

ANNUAL REPORT
OF THE
SAGINAW, TUSCOLA & HURON RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, WILLIAM L. WEBBER, Saginaw, E. S., Mich.
Secretary, S. G. HIGGINS, Saginaw, E. S., Mich.
Auditor, WYLLYS C. RANSOM, Saginaw, E. S., Mich.
Treasurer, WILLIAM H. HART, Saginaw, E. S., Mich.
Superintendent, M. V. MEREDITH, Saginaw, E. S., Mich.
Gen'l Freight and Ticket Agent, M. V. MEREDITH, Saginaw, E. S., Mich.

DIRECTORS.

WM. L. WEBBER, Saginaw, E. S., Mich.
 M. V. MEREDITH, Saginaw, E. S., Mich.
 JAMES B. PETER, Saginaw, E. S., Mich.
 JOHN S. ESTABROOK, Saginaw, E. S., Mich.
 S. G. HIGGINS, Saginaw, E. S., Mich.
 WILLIAM H. HART, Saginaw, E. S., Mich.
 Terms expire May 16, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: February 24, 1881.
 Number of stockholders at date of last election: 128.
 Number of stockholders in Michigan at same date: 118.
 Amount of full paid stock held in Michigan at same date: Shares, 608.
 Date of annual meeting of stockholders: May 17, 1894.
 Fiscal year of company ends December 31.
 General offices of the company are located at Saginaw, E. S., Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$125,729 10
Total expenses, including taxes.....	\$37,255 34	
Net income.....		\$88,473 76
Interest on unfunded debt.....	\$59,944 00	
Balance for the year.....	\$31,470 24	
Balance (profit and loss) last year.....	111,636 12	
Items not included in above, as follows:		
Construction, equipment and hotel account.....	6,160 02	
Income from miscellaneous receipts other than traffic		\$4,207 51
Balance forward to next year.....		135,058 87
	<u>\$129,266 38</u>	<u>\$129,266 38</u>

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$500,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	1,283	
Amount paid in on common.....		\$128,500 00
Amount paid in on shares not issued, number, 15.....		255 38
Total amount paid in as per books of the company.....		\$128,555 38
Paid in per mile of road owned by company, 66.57 miles.....		1,856 02

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded, or how liquidated?	Amount.
For construction.....	Funded.....	\$710,615 12
For equipment.....		48,989 74
For real estate.....		54,287 79
For miscellaneous.....		278,277 73
For current balances.....	Paid.....	17,568 77
Total unfunded debt.....		\$1,104,784 15

RECAPITULATION.

Total unfunded debt.....	\$1,104,784 15
Total debt liabilities.....	\$1,104,784 15
Amount of debt liabilities per mile of road, 66.57 miles.....	16,595 00
Total amount of stock and debt.....	1,328,289 53
Stock and debt per mile of road, 66.57 miles.....	18,481 02

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$725,757 39	
Equipment account.....	208,768 44	
		\$934,520 83
Other investments:		
Bay Port hotel and picnic grounds.....	\$49,870 66	
Bay Port dock.....	5,818 84	
General office, building and grounds.....	14,078 94	
Real estate, gravel pits and depot grounds.....	4,417 13	
Saginaw Bay Coal Co. stock.....	1,500 00	
		75,680 07
Cash items:		
Cash.....	\$4,881 81	
Bills receivable.....	1,075 54	
Due from agents.....	2,272 42	
		8,179 77
Other assets:		
Materials and supplies.....	\$9,301 79	
Car department tools and machinery.....	1,003 84	
Debit balances from companies and individuals.....	5,742 16	
Bay Port Quarries.....	57,548 28	
Postoffice Dep't U.S.....	1,258 52	
		74,849 99
Profit and loss or income.....		185,058 87
Total.....		\$1,228,289 53

GENERAL BALANCE SHEET.—Cr.

Capital stock, amount paid in.....		\$123,555 38
Unfunded debt:		
Vouchers and accounts current.....	\$15,053 77	
Other liabilities (list as follows):		
State of Michigan taxes.....	2,510 00	
Bills and accounts payable, miscellaneous.....	1,087,170 88	
		1,104,734 15
Total.....		\$1,228,289 53

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$934,520 88
Average cost per mile of road, not including sidings, 66.57 miles	14,088 00
Proportion of cost for Michigan	<u>934,520 88</u>

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

. MAIN LINE.

*Extensions and new sidings	\$11 21
Bridges, etc.	\$608 61
New buildings	1,401 07
Saginaw terminals	20,833 64
Machinery and tools	250 00
New locomotives	3,223 60
New cars	14,824 55
Total charges	<u>\$41,147 68</u>
Total charges to property account as above	41,147 68
Property sold and credited	4,188 64
Net addition to property account	<u><u>\$36,964 04</u></u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$44,107 83	
Through fares	6,958 04	
Total passenger fares	<u>\$51,065 87</u>	
Express and baggage	480 05	
Mails	4,902 81	
Total passenger department earnings		<u>\$56,448 73</u>
Proportion for Michigan	\$56,448 73	
Per train mile	61	
Per mile of road	858 41	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$68,171 10	
Through traffic	5,288 80	
Total traffic	<u>\$68,459 40</u>	
Total freight department earnings		<u>68,459 40</u>
Proportion for Michigan	\$68,459 40	
Per train mile	93	
Per mile of road	1,041 04	
Total transportation earnings		<u>\$124,906 13</u>
Transportation earnings per mile of road	\$1,899 45	
Transportation earnings per train mile	75.54	
Miscellaneous receipts from operating account, other than for transportation, of follows:		
From telegraph	\$429 29	
From other sources	391 68	
Total		<u>820 97</u>
Total earnings from operation of road		<u>\$125,729 10</u>
Total earnings per mile of road	\$1,911 94	
Total earnings per train mile	78 04	
Proportion of taxable earnings for Michigan	125,729 10	
Total taxable earnings per mile of road in Michigan	1,911 94	
Income other than from earnings		<u>4,207 51</u>
Total income from all sources		<u>129,936 61</u>
Proportion of income for Michigan		<u><u>129,936 61</u></u>

* The actual amount expended under this head during the year was \$2,615.78, but by reason of excess reported last year in error the balance in the account for 1893 is reduced to \$11.21.

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$15,585 36
*Renewals of ties.....	17 12
Repairs of bridges, including culverts and cattle guards.....	1,062 27
Repairs of fences, road crossings and signs.....	1,042 13
Repairs of buildings.....	967 32
Total.....	<u>\$18,664 65</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$8,025 80
Repairs of passenger cars.....	6,687 30
Repairs of freight cars.....	2,388 08
Total.....	<u>\$17,061 18</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$10,367 57
Water supply.....	737 37
Oil and waste.....	992 77
Locomotive service.....	8,344 23
Passenger train service.....	3,890 86
Passenger train supplies.....	131 43
Mileage of passenger cars.....	281 52
Freight train service.....	2,984 10
Freight train supplies.....	74 63
Mileage of freight cars.....	1,246 96
Telegraph expenses (maintenance and operating).....	352 39
Damage and loss of freight and baggage.....	54 04
Damages to property and cattle.....	29 12
Agents and station service.....	7,419 66
Station supplies.....	322 53
Total.....	<u>\$37,719 23</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$3,775 00
Salaries of clerks in general offices.....	2,265 60
Insurance.....	118 00
Stationery and printing.....	1,388 36
Outside agencies and advertising.....	272 11
Contingencies.....	2,668 88
Taxes.....	3,182 38
Total.....	<u>\$13,820 28</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	21.39	\$18,664 65
Maintenance of motive power and cars.....	19.54	17,061 18
Conducting transportation.....	43.23	37,719 23
General expenses, including taxes.....	15.84	13,820 28
Total operating expenses and taxes.....	100.00	<u>\$87,255 34</u>
Operating expenses and taxes per mile of road.....		\$1,810 73
Operating expenses and taxes per train mile run for trains earning revenue, 165,352 miles.....		52.77
Proportion of operating expenses and taxes for Michigan.....		87,255 34
Total proportion of expenses for Michigan.....		87,255 34
Percentage of expenses to earnings.....	69.39	
Net earnings per mile of road.....		588 72
Net earnings per train mile.....		<u>12.77</u>

* The cost of 16,000 ties put into the track in place of old narrow gauge ties is not included in the renewal account, being chargeable to construction.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Saginaw to Sebewaing, April 4, 1882.
Sebewaing to Bay Port, June 15, 1884.
Bay Port to Bad Axe, July 1, 1886.

MAIN LINE.		Miles.	Miles.
In Michigan, from Saginaw to Bad Axe.....		64.38	
Total length completed.....			64.38
BRANCHES.			
Bay Port, from Bay Port Junction to Bay Port.....		1.38	
Quarry, from Quarry Junction to Quarry.....		.81	
Total length of branches owned by company.....			2.19
Total length of branches owned by company in Michigan.....		2.19	
Total length of road belonging to this company.....			66.57
Total length of road belonging to this company in Michigan.....		66.57	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....			15.76
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....			82.33

Gauge of track, 4 feet 8½ inches.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	12	636
Iron bridges.....	1	77
Total.....	13	713

Draw bridges in Michigan.

How many on your line? 1.

Where located, when built, and length of draw span:

Sebewaing; 1891; 36 feet.

Character of structure:

Swing span on traverse table.

Material of which constructed:

Iron.

Height above water, and depth of water under bridge:

7 feet above water; 7 feet deep.

How swung, by engine or hand power:

Hand power.

Approaches straight or curved:

Straight.

Do you require all trains to come to full stop before crossing a draw, and how are they signaled?

We do; Signaled by flag in day time and lamp at night.

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Pontiac, Oxford & Northern at Pigeon.

Michigan Central at Reese.

Flint & Pere Marquette at Saginaw, E. S.

Number of crossings of highways at grade in this State, 83.

Number of crossings of highways at grade in this State at which there are gates or flagmen, 4.

Are your frogs and guard rails blocked as required by act 174, session laws 1884? Yes.

How are they treated? Wooden foot guards in frogs and guard rails.

Stations.

Number of stations on whole line.....	17
Same in Michigan.....	17

Employees.

Number of persons regularly employed on all roads operated by company, including officials 104
 Same in Michigan..... 104

Classify your employes as per following list:

Number.

Baggagemen	1
Brakemen	6
Conductors	4
Engineers	4
Firemen	4
Laborers	41
Shopmen	22
Others	22

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you? 133.14.

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed: None; all fenced.

Road bed and track.

Number of track sections in Michigan	11
Average lengths of sections, miles	6
Average number of men in each section gang	9
*Number of new ties put in whole line during the year	18,975
Number of new ties put in track in Michigan	18,975
Average number of new ties per mile of road	261

Bridges and culverts.

Amount of trestle work replaced with earth during the year, linear feet	665.50
Timber culverts replaced during the year:	
With sewer pipe—number	22

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 20 tons weight, exclusive of tender	8	\$23,000 00
Number of locomotives of 10 to 20 tons weight, exclusive of tender	1	800 00
Total	9	\$23,800 00
Number of passenger cars—8-wheel including official cars	18	27,800 00
Number of express and baggage cars	3	5,500 00
Number of box freight cars	27	9,450 00
Number of platform cars	96	25,000 00
Number of ore cars	50	15,000 00
Number of conductors' way cars	3	1,500 00
Total	192	\$107,250 00

Number of locomotives equipped with power brakes	8
Number of passenger train cars equipped with power brakes	16

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 Westinghouse: Locomotive, 8; cars, 16.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Hinson & Thurmond.

How are your passenger cars heated?

By steam from the engine.

* 16,000 chargeable to construction account.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	92,054
Miles run by freight trains during the year	73,296
Total mileage of trains earning revenue	165,352

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	4,443		
Number of local passengers carried	112,799		
Total number of passengers carried	117,241		
Total passenger mileage		8,215,365	
Average distance traveled by each passenger		27.42	
Average amount received from each passenger			\$0 48.55
Average rate of fare per mile for through passengers			02.838
Average rate of fare per mile for local passengers			01.504
Average rate of fare per mile for all passengers			01.568

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	5,675		
Number of tons of local freight carried	101,451		
Total tons of freight carried	107,126		
Total mileage of through freight		371,578	
Total mileage of local freight		8,253,120	
Total freight mileage, or tons carried one mile		3,624,693	
Average ton haul for through freight		65	
Average ton haul for local freight		32	
Average ton haul for all freight		84	
Average amount received for each ton haul			\$0 64
Average rate per ton per mile, received for through freight			01.428
Average rate per ton per mile, received for local freight			01.941
Average rate per ton per mile, received for all freight			01.888

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	1,211
Provisions (beef, pork, lard, etc.)	2,833
Animals	1,799
Other agricultural products	2,127
Lumber and forest products	26,598
Coal	28,450
Stone, brick and sand	32,479
Merchandise and other articles not enumerated above	11,684
Total forwarded	107,126

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	1,211	1.13
Provisions (beef, pork, lard, etc.)	2,833	2.64
Animals	1,799	1.68
Other agricultural products	2,127	1.99
Lumber and forest products	26,598	24.82
Coal	28,450	26.56
Stone, brick and sand	32,479	30.32
Merchandise and other articles not enumerated above	11,684	10.86
Total tons carried	107,126	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?
The American Express Company.
One and one-half first class freight rates.
Freight received and delivered at the depot.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
66.57 miles. Owned by this company.

TRANSPORTATION COMPANIES.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Kansas City Dressed Beef Line.....	Buffalo, N. Y.	\$1 68
Merchants' Despatch Transportation Co.	New York, N. Y.	10 19
New York Despatch Refrigerator Co.	Chicago, Ill.	21
National Despatch	St. Albans, Vt.	11 15
Total		\$23 28

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

INJURED.

April 1, H. P. Hubert, brakeman, Bad Axe. Coupling cars; through his own lack of caution.
April 8, A. Merrick, brakeman, Unionville. Coupling cars; lack of proper caution.
Aug. 31, I. Gryka, section man, Reese. Slipped and fell into a culvert; accidental.
Sept. 21, D. D. Keeler, brakeman, Saginaw. From his own lack of care while coupling cars.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					3	
Miscellaneous.....					1	
Total					4	

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons injured during the year.....4
Number resulting from lack of caution, carelessness, or misconduct.....4

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

Employés.	Killed.	Injured.	Total.
Brakemen		3	3
Laborers		1	1
Total		4	4

STATE OF MICHIGAN, }
COUNTY OF SAGINAW, } ss.

William L. Webber, president, and Wyllys C. Ransom, auditor, of the Saginaw, Tuscola & Huron Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

WM. L. WEBBER, *President.*
W. C. RANSOM, *Auditor.*

Subscribed and sworn to before me this 2d day of April, A. D. 1894.

[L. S.]

JOHN W. BILLING, *Notary Public.*

ANNUAL REPORT
OF THE
SAGINAW VALLEY & ST. LOUIS RAILROAD COMPANY,

For the year ending December 31, 1893.

[Filed May 10, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, NATHANIEL THAYER, Boston, Mass.
General Auditor, C. W. COURTRIGHT, Boston, Mass.
Auditor, U. B. ROGERS, Grand Rapids, Mich.
Treasurer, JAMES E. HOWARD, Grand Rapids, Mich.
General Manager, CHARLES M. HEALD, Grand Rapids, Mich.
General Superintendent, J. K. V. AGNEW, Grand Rapids, Mich.
Assistant Superintendent, T. H. MALONE, Ionia, Mich.
Chief Engineer, J. J. McVEAN, Grand Rapids, Mich.
General Passenger Agent, GEO. DEHAVEN, Grand Rapids, Mich.
General Freight Agent, F. V. DAVIS, Grand Rapids, Mich.
Attorney, W. ALDEN SMITH, Grand Rapids, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.
H. H. HUNNEWELL, Boston, Mass.
GEO. WHITNEY, Boston, Mass.
CHAS MERRIAM, Boston, Mass.
GEO. O. SHATTUCK, Boston, Mass.
C. L. YOUNG, Boston, Mass.
JNO. A. BURNHAM, Boston, Mass.
C. F. ADAMS, Boston, Mass.
A. H. HARDY, Boston, Mass.
E. V. B. THAYER, Boston, Mass.
F. H. DAMON, Boston, Mass.
CHAS. M. HEALD, Grand Rapids, Mich.

Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: May 17, 1871.
Number of stockholders at date of last election: 84.
Number of stockholders in Michigan at same date: 68.
Amount of full paid stock held in Michigan at same date: \$25,300.
Date of annual meeting of stockholders: second Wednesday in July.
Fiscal year of company ends December 31.
General offices of the company are located at Grand Rapids, Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$92,554 18
Total expenses, including taxes.....	\$85,037 58	
Net income		\$27,516 60
Interest on funded debt.....	\$35,680 00	
Rentals of buildings, tracks, etc.....	7,000 00	
Balance for the year	\$15,163 40	
Balance (profit and loss) last year.....	129,979 47	
Items not included in above as follows:		
Miscellaneous income.....		1,804 00
Balance forward to next year.....	\$143,598 87	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$300,000 00
Par value of shares	\$100 00	
Number of shares issued.....	2,553	
Amount paid in on common.....	\$255,300 00	
Amount paid in on shares not issued (number, 95).....	9,504 01	
Total amount paid in, as per books of the company.....		\$264,804 01
Paid in per mile of road owned by company, 35.50 miles.....		7,459 27

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds.....	8%	May 1, 1902...	New York City...	\$446,000 00
Total funded debt.....				\$446,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For construction.....	To be paid from earnings.....	\$167,696 99
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		
Total unfunded debt.....		\$167,696 99

RECAPITULATION.

Total funded debt	\$446,000 00
Total unfunded debt.....	167,696 99
Total debt liabilities	\$613,696 99
Amount of debt liabilities per mile of road, 35.50 miles....	\$17,287 24
Total amount of stock and debt.....	\$78,501 00
Stock and debt per mile of road, 35.50 miles	24,746 51

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$618,176 81	
Equipment account.....	87,087 00	\$705,213 81
Cash items:		
Cash.....	\$1,582 74	
Due from agents.....	302 40	1,885 14
Other assets:		
Debit balances from companies and individuals.....	\$27,883 18	27,883 18
Profit and loss.....		143,588 87
Total.....		<u>\$878,501 00</u>

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$384,804 01	
Funded debt.....	446,000 00	\$710,804 01
Unfunded debt:		
Interest unpaid.....	22,865 67	
Vouchers and accounts.....	23,823 46	
Other liabilities (list as follows):		
Net traffic balances due other companies.....	6,376 83	
Saginaw & Grand Rapids R. R.....	21,483 27	
D. L. & N. B. R.....	92,196 76	167,696 99
Total.....		<u>\$878,501 00</u>

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$705,213 81
Average cost per mile of road, not including sidings, \$5.50 miles.....	19,865 18
Proportion of cost for Michigan.....	<u>705,213 81</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$48,274 24	
Through fares.....	1,809 65	
Total passenger fares.....	\$49,538 89	
Express and baggage.....	1,289 28	
Mails.....	4,221 60	
Total passenger department earnings.....		\$55,074 77
Proportion for Michigan.....	\$55,074 77	
Per train mile.....	83	
Per mile of road.....	1,221 17	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$34,960 07	
Through traffic.....	2,170 12	
Total traffic.....	\$37,130 19	
Other sources.....	11 16	
Total freight department earnings.....		37,141 85
Proportion for Michigan.....	\$37,141 35	
Per train mile.....	1 34	
Per mile of road.....	823 58	
Total transportation earnings.....		<u>\$92,216 12</u>
Transportation earnings per mile of road.....	\$2,044 70	
Transportation earnings per train mile.....	98	

Miscellaneous receipts for operating account, other than for transportation,
as follows:

From telegraph.....	\$88 06	
From other sources.....	240 00	
		<u>\$388 06</u>
Total earnings from operation of road.....		\$92,554 18
Total earnings per mile of road.....	\$2,052 20	
Total earnings per train mile.....	98	
Proportion of taxable earnings for Michigan.....	92,554 18	
Total taxable earnings per mile of road in Michigan.....	2,052 20	
Income other than from earnings.....		1,604 00
Total income from all sources.....		<u>\$94,158 18</u>
Proportion of income for Michigan.....		<u>94,158 18</u>

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$8,957 55
Renewals of rails.....	5,133 73
Renewals of ties.....	2,576 87
Repairs of bridges, including culverts and cattle guards.....	742 06
Repairs of fences, road crossings and signs.....	833 49
Repairs of buildings.....	499 67
Total.....	<u>\$18,243 37</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$723 31
Repairs of passenger cars.....	919 18
Repairs of freight cars.....	1,036 12
Total.....	<u>\$2,677 61</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$7,848 95
Water supply.....	224 87
Oil and waste.....	868 09
Locomotive service.....	7,086 00
Passenger train service.....	2,463 69
Passenger train supplies.....	409 30
Mileage of passenger cars.....	3,587 32
Freight train service.....	2,852 90
Freight train supplies.....	87 45
Mileage of freight cars.....	179 90
Telegraph expenses (maintenance and operating).....	1,201 51
Damage and loss of freight and baggage.....	108 15
Damages to property and cattle.....	6 00
Personal injuries.....	40 00
Agents and station service.....	7,768 20
Station supplies.....	496 10
Total.....	<u>\$34,760 28</u>

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$1,430 78
Salaries of clerks in general offices.....	1,306 30
Law expenses.....	391 21
Insurance.....	257 07
Stationery and printing.....	969 98
Outside agencies and advertising.....	2,620 27
Contingencies.....	17 21
Taxes.....	1,874 10
Total.....	<u>\$9,356 37</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	28.05	\$18,243 37
Maintenance of motive power and cars.....	4.12	2,677 61
Conducting transportation.....	53.44	34,760 28
General expenses, including taxes.....	14.39	9,356 37
Total operating expenses and taxes.....	100.00	<u>\$65,037 58</u>

Operating expenses and taxes per mile of road.....	\$1,442 08
Operating expenses and taxes per train mile run for trains earning revenue, 94,125 miles.....	60

PROPORTION OF OPERATING EXPENSES AND TAXES FOR MICHIGAN.

Main line.....	\$65,037 58
Total proportion of expenses for Michigan.....	\$65,037 58
Percentage of expenses to earnings.....	70.27
Net earnings per mile of road.....	610 13
Net earnings per train mile.....	29

DESCRIPTION OF ROAD.

Date when road was opened for use between its present termini:

From Paines to St. Louis, January, 1878.

Alma to Ithaca, March, 1888.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Paines to St. Louis.....	28.60	
Total length completed.....		28.60

BRANCHES.

Ithaca, from Alma to Ithaca.....	6.90	
Total length of branches owned by company.....		6.90
Total length of branches owned by company in Michigan.....	6.90	
Total length of road belonging to this company.....		35.50
Total length of road belonging to this company in Michigan.....	35.50	
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated.....	4.16	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		39.66

Gauge of track, 4 feet 8½ inches.

Proprietary or leased roads operated by this company.

Name, description and length of each:

	Total miles.	In Michigan.
Saginaw & Grand Rapids R. R., St. Louis to Alma.....	3.80	
Jackson, Lansing & Saginaw, East Saginaw to Paines.....	6.00	
Total.....	9.80	9.80
Total miles operated by the company.....	45.10	45.10

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, ft.
Wooden bridges.....	2	83
Wooden trestles.....	6	478
Total.....	8	541

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

T., A. A. & N. M., at St. Louis.

Number of crossings of highways at grade in this State, 64.

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?

Yes.

How are they treated?

Hart guards and blocked with plank.

Stations.

Number of stations on whole line	12
Same in Michigan	12

Employees.

Number of persons regularly employed on all roads operated by company, including officials	60
Same in Michigan	60

Classify your employees as per following list:

Number.

Baggagemen	1
Brakemen	4
Conductors	3
Engineers	4
Firemen	5
Laborers	21
Shopmen	0
Yardmen	2
Others	20

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	78.14
--	-------

Give the number of miles required to complete fence both sides of your track in Michigan and the counties in which needed: All fenced.

Road bed and track.

Number of track sections in Michigan	7
Average lengths of sections (miles)	5.63
Average number of men in each section gang	8
Number of new ties put in whole line during the year	11,887
Number of new ties put in track in Michigan	11,887
Average number of new ties per mile of road	268

Bridges and culverts.

Timber culverts replaced during the year:

With iron pipe—number	3
With sewer pipe—number	1

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 20 to 30 tons weight, exclusive of tender	3	\$7,500 00
Total	3	\$7,500 00
Number of passenger cars—8-wheel, including official cars	2	5,000 00
Number of express and baggage cars	1	1,500 00
Number of box freight cars	10	2,500 00
Number of platform cars	40	7,000 00
Number of conductors' way cars	2	400 00
Total	55	\$23,900 00

Number of locomotives equipped with power brakes	3
Number of passenger train cars equipped with power brakes	3

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Locomotives—Westinghouse, 3.

Cars—Westinghouse, 3.

How are your passenger cars heated?

Steam.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	66,335
Miles run by freight trains during the year	27,790
Total mileage of trains earning revenue	94,125

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	1,234		
Number of local passengers carried.....	103,164		
Total number of passengers carried.....	107,898		
Total passenger mileage.....		1,994,149	
Average distance traveled by each passenger.....		18.567	
Average amount received from each passenger.....			\$0 45.183
Average rate of fare per mile for through passengers.....			02.858
Average rate of fare per mile for local passengers.....			02.490
Average rate of fare per mile for all passengers.....			02.498

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	1,730		
Number of tons of local freight carried.....	61,795		
Total tons of freight carried.....	63,525		
Total mileage of through freight.....		77,850	
Total mileage of local freight.....		1,289,530	
Total freight mileage, or tons carried one mile.....		1,817,880	
Average ton haul for through freight.....		45	
Average ton haul for local freight.....		20.006	
Average ton haul for all freight.....		20.738	
Average amount received for each ton haul.....			\$0 53.449
Average rate per ton per mile, received for through freight.....			02.787
Average rate per ton per mile, received for local freight.....			02.820
Average rate per ton per mile, received for all freight.....			02.818

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	1,919	3.02
Flour.....	492	.77
Provisions (beef, pork, lard, etc.).....	472	.74
Animals and animal products.....	1,008	1.59
Other agricultural products.....	1,879	2.96
Lumber and forest products.....	36,255	57.07
Coal.....	604	.95
Plaster, lime and cement.....	980	1.54
Salt.....	7,449	11.73
Petroleum and other oils.....	552	.87
Railroad iron, iron and steel rails.....	29	.05
Other iron and castings.....	558	.87
Stone, brick and sand.....	1,956	3.08
Manufactures, articles shipped from point of production.....	1,173	1.85
Merchandise and other articles not enumerated above.....	8,204	12.91
Total tons carried.....	63,525	100.00

ADDITIONAL QUESTIONS.

Express Companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The American Express Co. They handle their own freight.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

42 miles. Western Union Telegraph Co.

STATE OF MICHIGAN, }
COUNTY OF KENT, } ss.

Chas. M. Heald, general manager, and U. B. Rogers, auditor, of the Saginaw Valley & St. Louis Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. R.]

Signed,

CHAS. M. HEALD.
U. B. ROGERS.

Subscribed and sworn to before me this 8th day of May, A. D. 1894.

ERNEST N. WELLER,
Notary Public for Kent Co.

ANNUAL REPORT
OF THE
SAGINAW & GRAND RAPIDS RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 28, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, NATHANIEL THAYER, Boston, Mass.

Secretary and Treasurer, JAMES E. HOWARD, Grand Rapids, Mich.

DIRECTORS.

NATHANIEL THAYER, Boston, Mass.

E. V. B. THAYER, Boston, Mass.

CHAS. MERRIAM, Boston, Mass.

H. H. HUNNEWELL, Boston, Mass.

JOHN A. BURNHAM, Boston, Mass.

GEO. O. SHATTUCK, Boston, Mass.

F. H. DAMON, Boston, Mass.

W. G. MEANS, Boston, Mass.

CHAS. L. YOUNG, Boston, Mass.

A. H. HARDY, Boston, Mass.

W. HUNNEWELL, Boston, Mass.

GEO. WHITNEY, Boston, Mass.

CHAS. M. HEALD, Grand Rapids, Mich.

Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: October 12, 1878.

Number of stockholders at date of last election: 24.

Number of stockholders in Michigan at same date: 1.

Amount of full paid stock held in Michigan at same date: \$100.00.

Date of annual meeting of stockholders: Second Wednesday in July.

Fiscal year of company ends December 31.

General offices of the company are located at Grand Rapids, Mich.

REMARKS.

This road is leased to the Saginaw Valley & St. Louis R. R. Co. during the corporate existence of both companies. The Saginaw Valley & St. Louis R. R. Co. paying a dividend of 10 per cent upon the stock of this company as rental, 2 per cent of which is set aside to purchase the stock of the Saginaw & Grand Rapids R. R. Co. for the use and benefit of the Saginaw Valley & St. Louis R. R. Co. at an agreed price.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$70,000 00
Par value of shares	\$100 00	
Average price received per share	100 00	
Number of shares issued	700	
Amount paid in on common		\$70,000 00
Total amount paid in, as per books of the company		\$70,000 00
Paid in per mile of road owned by company		19,444 44

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt	\$70,000 00
Stock and debt per mile of road	19,444 44

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction	\$70,000 00
Average cost of construction per mile of road, not including sidings, 3.6 miles	19,444 44
Proportion of cost of construction for Michigan	All

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
May, 1879.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	3.60	
Total length completed		3.60
Total length of road belonging to this company		3.60
Total length of road belonging to this company in Michigan	3.60	
Aggregate length of tracks belonging to this company, computed as single track		3.60
Same in Michigan	3.60	
Gauge of track, 4 feet 8½ inches.		

STATE OF MICHIGAN, } ss.
COUNTY OF KENT,

Chas. M. Heald, general manager, and James E. Howard, secretary, of the Saginaw & Grand Rapids Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and have carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

CHAS. M. HEALD, General Manager.
JAMES E. HOWARD, Secretary.

Subscribed and sworn to before me this 24th day of May, A. D. 1894, as to Chas. M. Heald, general manager.

[L. S.]

ERNEST N. WELLER,
Notary Public for Kent Co.

Subscribed and sworn to before me this 15th day of May, A. D. 1894, as to J. E. Howard, secretary

ERNEST N. WELLER,
Notary Public for Kent Co.

ANNUAL REPORT

OF THE

ST. CLAIR TUNNEL COMPANY.

For the year ending December 31, 1893.

[Filed March 30, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, L. J. SEARGEANT, Montreal, Canada.
Vice President, JOHN BELL, Q. C., Belleville, Canada.
Secretary and Treasurer, ROBERT WRIGHT, Montreal, Canada.
Superintendent, JAMES STEPHENSON, Montreal, Canada.
Chief Engineer, JOSEPH HOBSON, Hamilton, Ont.
Attorney, E. W. MEDDAUGH, Detroit, Mich.

DIRECTORS.

L. J. SEARGEANT, Montreal, Canada.
 JOHN BELL, Q. C., Belleville, Canada.
 EDMUND WRAGGE, Toronto, Canada.
 HON. A. VIDAL, Sarnia, Canada.
 CHAS. MACKENZIE, Sarnia, Canada.
 W. J. SPICER, Detroit, Mich.
 E. W. MEDDAUGH, Detroit, Mich.

Terms expire September, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: October 12, 1886, and November 24, 1886.
 Number of stockholders at date of last election: 8.
 Number of stockholders in Michigan at same date: 2.
 Amount of full paid stock held in Michigan at same date: \$6,600 paid on \$15,000 stock held.
 Date of annual meeting of stockholders: Last Wednesday in September.
 Fiscal year of company ends June 30.
 General offices of the company are located at Montreal, Canada.

REMARKS.

This company derives its revenue from tolls levied upon passenger and freight cars and other vehicles forming railway trains passing through the St. Clair Tunnel. The company haul such trains through the tunnel with their own locomotives and train crews and to that extent only perform the functions of a railway company. Hence many of the statistics asked for in this report, and which pertain to the operations of a railway company proper, cannot be given as no records are kept.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$249,479 50
Total expenses, including taxes.....	\$101,186 88	
Net income.....		\$148,292 12
Interest on funded debt.....	\$125,000 00	
Interest on unfunded debt.....	1,014 81	
Balance applicable to dividends.....		\$22,278 31
Balance (profit and loss) last year.....	\$42,896 10	
Balance forward to next year.....	\$20,557 79	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$700,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	7,000	
Amount paid in on common.....		44%
Total amount paid in, as per books of the company.....		\$308,000 00
Paid in per mile of road owned by company, 2¼ miles, 3,920 yards		138,588 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds.....	5%	July 1, 1940.	Montreal	\$2,500,000 00
Total funded debt.....				\$2,500,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	Convertible into stock of the company	\$34,734 54
For current balances.....		55,292 83
Total unfunded debt		\$90,026 87

RECAPITULATION.

Total funded debt.....	\$2,500,000 00
Total unfunded debt.....	90,026 87
Total debt liabilities.....	\$2,590,026 87
Amount of debt liabilities per mile of road, 2¼ miles.....	1,151,123 05
Total amount of stock and debt.....	\$2,898,026 87
Stock and debt per mile of road, 2¼ miles.....	1,288,011 94

GENERAL BALANCE SHEET.—Dr.

Construction account	\$2,738,147 61
Equipment account	67,138 61
Other investments:	
Land and land damages.....	112,202 81
Machinery and tools.....	276,491 21
Miscellaneous expenses	23,784 30
	\$3,317,734 54
Other assets:	
Debit balances from companies and individuals.....	20,557 79
Total.....	\$3,238,292 38

GENERAL BALANCE SHEET.—Cr.

Capital stock paid up.....	\$308,000 00
Funded debt.....	2,500,000 00
Government subsidy.....	375,000 00
	\$3,183,000 00
Unfunded debt:	
Vouchers and accounts.....	55,292 38
Total.....	\$3,238,292 38

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$2,217,784 54
Average cost per mile of road, not including sidings, 2¼ miles.....	1,480,104 24
Proportion of cost for Michigan.....	715,052 12

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	}	\$24,436 16
Second track.....		
Total charges.....		\$24,436 16

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Tolls on passenger cars.....	\$37,280 00
Total passenger department earnings.....	\$37,280 00

FREIGHT EARNINGS.

Tolls on freight cars and new locomotives.....	\$182,219 50
Total freight department earnings.....	182,219 50
Total transportation earnings.....	\$249,479 50
Transportation earnings per mile of road.....	110,879 77
Proportion of taxable earnings for Michigan.....	124,789 75
Total income from all sources.....	249,479 50
Proportion of income for Michigan.....	124,789 75

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	}	\$12,013 89
Renewals of rails.....		
Renewals of ties.....		
Repairs of bridges, including culverts and cattle guards.....		
Repairs of fences, road crossings and signs.....		
Repairs of buildings.....		
Total.....		\$12,013 89

MAINTENANCE OF MOTIVE POWER AND CARS.

Mechanical department charges.

Repairs of locomotives.....	}	\$54,385 18
Repairs of passenger cars.....		
Repairs of freight cars.....		
Total.....		\$54,385 18

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	}	Included in mechanical charges.....	\$29,806 90
Water supply.....			
Oil and waste.....			
Locomotive service.....			
Total.....			\$29,806 90

GENERAL EXPENSES.

Law expenses.....	}	\$880 98
Insurance.....		
Stationery and printing.....		
Outside agencies and advertising.....		
Contingencies.....		
Taxes.....		4,649 43
Total.....		<u>\$4,980 41</u>

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	11.87	\$12,013 89
Maintenance of motive power and cars (mechanical charges).....	53.75	54,335 18
Conducting transportation.....	29.46	29,806 90
General expenses, including taxes.....	4.92	4,980 41
Total operating expenses and taxes.....	100.00	<u>\$101,136 38</u>
Operating expenses and taxes per mile of road.....		\$44,971 72
Proportion of operating expenses and taxes for Michigan.....		50,598 19
Total proportion of expenses for Michigan.....		50,598 19
Percentage of expenses to earnings.....	40.56	
Net earnings per mile of road.....		<u>65,908 05</u>

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Sarnia to Port Huron—
For freight traffic, October 24, 1891.
For passenger traffic, December 7, 1891.

MAIN LINE.

	miles.
In Michigan.....	1.12½
In Canada.....	1.12½
Total length completed.....	<u>2.25</u>
Total length of road belonging to this company.....	2.25
Total length of road belonging to this company in Michigan.....	<u>1.125</u>
Gauge of track, 4 feet 8½ inches.	

Crossings—railroad and highway.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

Stations.

Number of stations on whole line.....	2
Same in Michigan.....	<u>1</u>

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	64
Same in Michigan.....	<u>21</u>
Classify your employees as per following list:	Number.
Brakemen, 5 employed permanent, 8 only temporary.....	13
Conductors.....	6
Engineers.....	9
Firemen.....	10
Laborers.....	5
Others.....	<u>21</u>

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?
1.01 miles.

Road bed and track.

Number of track sections in Michigan.....	1
Average number of men in each section gang.....	2
Number of new ties put in whole line during the year.....	6,008
Number of new ties put in track in Michigan (all in sidings except 10).....	5,998
New rails put in track:	
Steel, tons 221½. Partly worn steel rails laid in new siding.	

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	4	\$14,000 each
Number of conductor's way cars.....	9	800 "
Number of locomotives equipped with power brakes.....	4	
What patterns of power brakes have you in use, and number of locomotives and cars with each?		
Westinghouse air brakes.		

ADDITIONAL QUESTIONS.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

To Great Northwestern Telegraph Co., Grand Trunk Railway Co., and St. Clair Tunnel Co. jointly.

PROVINCE OF QUEBEC, }
COUNTY OF HOUELAGA, } ss.

Frank Scott, acting treasurer, of the St. Clair Tunnel Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

[L. S OF R. R.]

Signed,

FRANK SCOTT, *Acting Treasurer.*

Subscribed and sworn to before me this 28d day of March, A. D. 1894.

[L. S.]

WENDELL A. ANDERSON,
Consul General of the United States of America at Montreal, P. Q.

ANNUAL REPORT
OF THE
SAINT JOSEPH VALLEY RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed May 16, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, A. A. PATTERSON, JR., Chicago, Ill.
Vice President, D. H. PATTERSON, Berrien Springs, Mich.
Secretary, FRED McOMBER, Berrien Springs, Mich.
Treasurer, F. L. REEVES, Berrien Springs, Mich.
General Manager, FRED McOMBER, Berrien Springs, Mich.
General Superintendent, D. H. PATTERSON, Berrien Springs, Mich.
Chief Engineer, W. W. GRAVES, St. Joseph, Mich.
General Passenger and Freight Agent, D. H. PATTERSON, Berrien Springs, Mich.
Attorneys, { MARSHALL HOWELL, Cassopolis, Mich.
 { GEO. B. CLAPP, Niles, Mich.

DIRECTORS.

A. A. PATTERSON, JR., Chicago, Ill.
 D. H. PATTERSON, Berrien Springs, Mich.
 FRED McOMBER, Berrien Springs, Mich.
 FRED L. REEVES, Berrien Springs, Mich.
 JOHN A. PATTERSON, Albany, N. Y.
 F. B. BENTON, Chicago, Ill.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: August 1, 1889.
 Number of stockholders at date of last election: 7.
 Number of stockholders in Michigan at same date: 4.
 Amount of full paid stock held in Michigan at same date: \$400.00.
 Date of annual meeting of stockholders: First Tuesday in April.
 Fiscal year of company ends December 31.
 General offices of the company are located at Berrien Springs, Mich.

REMARKS.

Owing to the financial panic of 1893 the road was not in operation from about July 15 to the end of the year.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$1,808 42
Total expenses, including taxes.....	\$2,521 52	
Net deficit.....	\$713 10	
Balance for the year.....	\$713 10	
Suspense account.....	\$2,832 55	
Balance forward to next year.....	\$37,535 65	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....	\$300,000 00
Par value of shares.....	\$100 00
Number of shares issued.....	2,000
Amount paid in on common.....	\$300,000 00
Total amount paid in as per books of the company.....	\$300,000 00
Paid in per mile of road owned by company.....	\$0,000 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, August, 1889.....	5%	Aug. 1, 1919.	New York.....	\$50,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For construction.....	Funded.....	\$53,525 07
For equipment.....		
For real estate.....		
For renewals.....		
For miscellaneous.....		
For current balances.....		
Total unfunded debt.....		\$53,535 07

RECAPITULATION.

Total funded debt.....	\$50,000 00
Total unfunded debt.....	53,525 07
Total debt liabilities.....	\$103,525 07
Amount of debt liabilities per mile of road, 10 miles, 6 miles extension graded.....	10,352 50
Total amount of stock and debt.....	408,525 07
Stock and debt per mile of road.....	40,852 50

GENERAL BALANCE SHEET.—Dr.

Cost of road, franchise, etc.	\$350,000 00
Extension of line.....	15,989 42
	\$365,989 42
Suspense account.....	37,535 65
Total.....	\$403,525 07

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$200,000 00	
Funded debt	50,000 00	
		\$250,000 00
Unfunded debt:		
Interest unpaid	\$10,000 00	
Notes payable	11,104 79	
Vouchers and accounts	\$2,420 28	
		53,525 07
Total		\$408,525 07

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: August 1, 1889.		
Original cost to present company, of road and equipment	\$350,000 00	
Amount expended since purchase, account of construction } and extension of line	39,063 27	
Amount expended since purchase, account of equipment		
Total cost to date of report	\$389,063 27	
Average cost per mile of road, not including sidings, 10 miles	38,906 32	
Proportion of cost for Michigan	All	

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Total passenger fares	\$346 96	
Mails	321 18	
Other sources, express	305 67	
Total passenger department earnings		\$973 80
Proportion for Michigan	\$973 80	
Per mile of road	97 38	

FREIGHT EARNINGS.

Main line and branches:		
Total traffic	\$334 62	
Total freight department earnings		834 62
Proportion for Michigan	\$334 62	
Per mile of road	33 46	
Total transportation earnings		\$1,808 42
Transportation earnings per mile of road	\$180 84	
Total earnings from operation of road	1,808 42	
Total earnings per mile of road	180 84	
Proportion of taxable earnings for Michigan	1,808 42	
Total income from all sources		\$1,808 42
Proportion of income for Michigan		1,808 42

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track		
Renewals of rails		
Renewals of ties		
Repairs of bridges, including culverts and cattle guards		\$340 50
Repairs of fences, road crossings and signs		
Repairs of buildings		
Total		\$340 50

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	}	\$245 00
Repairs of passenger cars.....		
Repairs of freight cars.....		
Total.....		\$245 00

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	}	\$1,110 54
Water supply.....		
Oil and waste.....		
Locomotive service.....		
Passenger train service.....		
Passenger train supplies.....		
Mileage of passenger cars.....		
Freight train service.....		
Freight train supplies.....		
Mileage of freight cars.....		
Telegraph expenses (maintenance and operating).....		
Damage and loss of freight and baggage.....		
Damages to property and cattle.....		
Personal injuries.....		
Agents and station service.....		
Station supplies.....		
Total.....		\$1,110 54

GENERAL EXPENSES.

Salaries of the general officers of the company.....	}	\$625 48
Salaries of clerks in general offices.....		
Law expenses.....		
Insurance.....		
Stationery and printing.....		
Outside agencies and advertising.....		
Contingencies.....		
Taxes.....		
Total.....		\$625 48

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	21.44	\$540 50
Maintenance of motive power and cars.....	9.72	245 00
Conducting transportation.....	44.04	1,110 54
General expenses.....	24.80	625 48
Total operating expenses and taxes.....	100.00	\$2,521 52
Operating expenses and taxes per mile of road.....		\$252 15
Total proportion of expenses for Michigan.....		2,521 52

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Berrien Springs, Mich., to Buchanan, Mich., Aug. 1, 1889.

MAIN LINE.

	Miles.
In Michigan, from Berrien Springs to Buchanan.....	10.00
Total length of road belonging to this company in Michigan.....	10.00
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated.....	.50
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	10.50
Gauge of track, 4 feet 8½ inches.	

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden trestles.....	11	1,529.8
Total.....	11	1,529.8

Crossings—railroad and highway.

Number of crossings of highways at grade in this State: 10.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

How are they treated?

Plank blocking.

Stations.

Number of stations on whole line.....	4
Same in Michigan.....	4

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	16
Same in Michigan.....	16

Classify your employees as per following list:

Number.

Brakemen.....	1
Conductors.....	1
Engineers.....	1
Firemen.....	1
Laborers.....	4
Yardmen.....	1

REPAIRS AND RENEWALS.*Fencing in Michigan.*

How many miles of fencing have you, estimated.....	14
--	----

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:

Berrien county, estimated.....	6
--------------------------------	---

Total miles required	6
----------------------------	---

Road bed and track.

Number of track sections in Michigan.....	1
Average lengths of sections, miles.....	10
Average number of men in each section gang.....	4

ROLLING STOCK.

	Number.
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	1
Total.....	1
Number of passenger cars—8-wheel, including official cars.....	1
Number of platform cars.....	1
Number of locomotives equipped with power brakes.....	1

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session laws of 1885?

No.

How are your passenger cars heated?

Stoves.

ADDITIONAL QUESTIONS.*Express companies.*

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co.

15c per 100 pounds.

\$25.00 messenger.

Take freight at depot.

STATE OF ILLINOIS, }
COUNTY OF COOK, } ss.

A. A. Patterson, Jr., president, and D. H. Patterson, vice president, of the Saint Joseph Valley Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

A. A. PATTERSON, JR., *President.*
D. H. PATTERSON, *Vice President.*

Subscribed and sworn to before me this 14th day of May, A. D. 1894.

[L. S.]

GILES HUBBARD,
Notary Public.

ANNUAL REPORT
OF THE
TOLEDO, ANN ARBOR & NORTH MICHIGAN RAILWAY
COMPANY.

For the year ending December 31, 1893.

[Filed May 9, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, J. M. ASHLEY, Toledo, O.
Vice President, J. M. ASHLEY, JR., Toledo, O.
Secretary, F. S. CHANDLER, Toledo, O.
Auditor, F. GOSSMAN, Toledo, O.
Treasurer, G. B. PARKE, Toledo, O.
General Manager, H. W. ASHLEY, Toledo, O.
General Superintendent, J. B. CONNERS, Owosso, Mich.
Chief Engineer, H. E. RIGGS, Toledo, O.
Superintendent of Telegraph, J. B. CONNERS, Owosso, Mich.
General Passenger Agent, W. H. BENNETT, Toledo, O.
General Freight Agent, W. H. BENNETT, Toledo, O.
Attorney, A. L. SMITH, Toledo, O.
Receiver, W. R. BURT, Toledo, O.

DIRECTORS.

J. M. ASHLEY, Toledo, O.
J. M. ASHLEY, JR., Toledo, O.
H. W. ASHLEY, Toledo, O.
WM. BAKER, Toledo, O.
D. ROBINSON, JR., Toledo, O.
T. W. CHILDS, Toledo, O.
AMOS R. ENO, New York, N. Y.
E. DICKMAN, New York, N. Y.
JOHN JACOB ASTOR, New York, N. Y.
J. EDWARD SIMMONS, New York, N. Y.
G. W. QUINTARD, New York, N. Y.

Terms expire April, 1898.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: October 16, 1880; amended November 30, 1886.
Date of annual meeting of stockholders: Third Wednesday in April each year.
Fiscal year of company ends December 31.
General offices of the company are located at Toledo, O.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$1,088,243 27
Total expenses, including taxes.....	\$1,055,469 39	
Net deficit.....		\$17,226 12
Interest on funded debt.....	\$387,043 47	
Interest on unfunded debt.....	5,015 91	
Rentals of buildings, tracks, etc.....	13,859 33	
		405,912 71
Balance for the year.....		\$423,138 83
Balance (profit and loss) last year.....	\$144,852 68	
Suspense account.....	28,065 72	
		167,918 40
Balance forward to next year.....		\$225,220 43

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$6,500,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	65,000	
Amount paid in on common.....		\$6,500,000 00
Total amount paid in, as per books of the company.....		\$6,500,000 00
Paid in per mile of road owned by company, 298.80 miles.....		21,753 68

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage, gold bond, T., A. A. & G. T. R'y Co., January, 1880.....	6%	1921.....	New York.....	\$1,280,000 00
First mortgage, gold bond, T., A. A. & N. M. R'y Co., May, 1889.....	6%	1924.....	" ".....	2,120,000 00
First mortgage, gold bond, T., A. A. & Mt. P. R'y Co., March, 1887.....	6%	1916.....	" ".....	400,000 00
First mortgage, gold bond, T., A. A. & C. R'y Co., March, 1887.....	6%	1917.....	" ".....	1,260,000 00
First mortgage, gold bond, T., A. A. & L. M. R'y Co., July, 1889.....	6%	1919.....	" ".....	767,000 00
First mortgage, gold bond, T., A. A. & N. M. R'y Co., consolidated, Jan., 1890.....	5%	1940.....	" ".....	1,443,000 00
Frankfort & Southeastern, Jan., 1889.....	5½%	1919.....	" ".....	285,000 00
Total funded debt.....				\$7,485,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For construction.....		\$923,412 97
For miscellaneous.....		1,506,644 08
For current balances.....		838,866 82
Total unfunded debt.....		\$2,773,423 87

RECAPITULATION.

Total funded debt	\$7,485,000 00
Total unfunded debt	2,773,423 87
Total debt liabilities	\$10,258,423 87
Amount of debt liabilities per mile of road, 298.80 miles	34,822 07
Total amount of stock and debt	16,758,423 87
Stock and debt per mile of road, 298.80 miles	56,085 75

GENERAL BALANCE SHEET.—Dr.

Construction account	\$12,473,758 56	
Equipment account	1,998,802 95	\$14,472,561 51
Cash items:		
Cash	\$10,886 38	
Due from agents	58,896 09	69,282 47
Other assets:		
Materials and supplies	\$76,428 50	
Debit balances from companies and individuals	589,496 86	
	1,250,000 00	
	96,436 00	1,961,359 46
Income account		285,220 43
Total		\$16,758,423 87

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$6,500,000 00
Funded debt	7,485,000 00
Unfunded debt:	
Interest unpaid	\$390,596 00
Notes payable	687,589 08
Vouchers and accounts	388,366 82
Other liabilities:	
Car trusts	\$28,412 97
Unadjusted bond coupons	311,480 00
Certificates of indebtedness	117,000 00
	2,773,423 87
Total	\$16,758,423 87

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$14,472,561 51
Average cost per mile of road, not including sidings, 298.80 miles	49,485 61
Proportion of cost for Michigan	14,230,889 73

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

	Extensions and new sidings.	Bridges.	Right of way, etc.	Steam ferries.	*New loco- motives and cars.	Total.
Main line		\$5,625 75	\$2,358 44	\$293,846 08	\$884,066 30	\$986,396 57
Branches.						
Frankfort & Southeastern R'y	\$316,610 00					316,610 00
Frankfort Terminals	70,474 25					70,474 25
Total charges	\$387,084 25	\$5,625 75	\$2,358 44	\$293,846 08	\$884,066 30	\$1,873,480 82

* Car trust embodies both items.

Total charges to property account as above	\$1,873,480 82
Property credited	50,696 97
Net addition to property account	1,322,783 85

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares	\$247,503 11	
Through fares	880 94	
Total passenger fares	\$248,384 05	
Express and baggage	20,708 80	
Mails	38,298 11	
Total passenger department earnings		\$307,883 48
Proportion for Michigan	\$301,397 27	
Per train mile	75.64	
Per mile of road	1.015 37	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic	\$619,619 21	
Through traffic	68,556 80	
Total traffic	\$688,176 01	
Other sources	12,537 83	
Total freight department earnings		698,713 84
Proportion for Michigan	\$684,879 80	
Per train mile	1 18.96	
Per mile of road	2,308 04	
Total transportation earnings		\$1,006,097 80
Transportation earnings per mile of road	\$8,323 41	
Transportation earnings per train mile	1 01.24	

Miscellaneous receipts from operating account, other than for transportation, as follows:

From telegraph	\$1,841 65
From rentals of tracks or terminals	25,321 14
From other sources	4,988 18
Total	\$32,145 97

Distribution of miscellaneous earnings between main line and leased or proprietary roads:

	Total	Proportion for miscellaneous. Michigan.
Total miscellaneous earnings	\$32,145 97	\$81,509 48
Total earnings from operation of road		\$1,088,248 27
Total earnings per mile of road	\$8,429 60	
Total earnings per train mile	1 04.47	
Proportion of taxable earnings for Michigan	1,017,686 05	
Total taxable earnings per mile of road in Michigan	8,429 60	
Total income from all sources		\$1,088,248 27

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$142,431 75
Renewals of rails	27,259 88
Renewals of ties	27,741 88
Repairs of bridges, including culverts and cattle guards	31,685 59
Repairs of fences, road crossings and signs	5,590 88
Repairs of buildings	30,044 04
Other expenses	3,301 82
Total	\$268,085 44

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$69,220 22
Repairs of passenger cars	18,878 21
Repairs of freight cars	65,871 85
Other expenses	9,711 35
Total	\$163,181 13

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$115,782 83
Water supply	3,942 90
Oil and waste	3,976 32
Locomotive service	96,525 43
Passenger train service	18,486 32
Passenger train supplies	1,590 99
Freight train service	47,900 44
Freight train supplies	2,778 54
Mileage of freight cars	23,009 40
Telegraph expenses (maintenance and operating)	17,254 59
Damage and loss of freight and baggage	8,947 70
Damages to property and cattle	1,875 64
Personal injuries	11,335 78
Agents and station service	54,727 07
Station supplies	2,868 68
Barges, floats, tugs, ferry boats, expense of	64,077 59
Other expenses	20,430 30
Total	\$490,012 42

GENERAL EXPENSES.

Salaries of the general officers of the company	\$19,116 08
Salaries of clerks in general offices	21,966 45
Law expenses	5,967 68
Insurance	16,425 25
Stationery and printing	11,867 12
Outside agencies and advertising	7,224 66
Contingencies	16,710 22
Taxes	36,472 94
Total	\$134,240 40

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	25.4	\$268,035 44
Maintenance of motive power and cars	15.4	163,181 13
Conducting transportation	46.5	490,012 42
General expenses, including taxes	12.7	134,240 40
Total operating expenses and taxes	100.0	\$1,055,469 39
Operating expenses and taxes per mile of road		\$3,486 50
Operating expenses and taxes per train mile run for trains earning revenue, 998,763 miles		1 06.20
Proportion of operating expenses and taxes for Michigan, main line		1,034,471 10
Total proportion of expenses for Michigan		1,034,471 10
Percentage of expenses to earnings	101.66	
Net deficit per mile of road		56 90
Net deficit per train mile		01.73

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Toledo, Ohio, to Frankfort, Michigan, November 17, 1889.

MAIN LINE.

	Miles.	Miles.
In Michigan, from State line to Frankfort	286.96	
In Ohio, from Toledo to State line	5.00	
Total length completed		291.96

BRANCHES.

From main line to Ithaca	1.61	
From main line to St. Louis	1.42	
From main line to Pine River	1.00	
From main line to Ross mill	1.52	
From main line to Diggins mill	1.29	
Total length of branches owned by company		6.84
Total length of branches owned by company in Michigan	6.84	
Total length of road belonging to this company		298.80

1893.] TOLEDO, ANN ARBOR & NORTH MICHIGAN RAILWAY CO. 381

Total length of road belonging to this company in Michigan.....	293.80
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	46.77
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	339.57

Gauge of track, 4 feet 8½ inches.

Proprietary or leased roads operated by this company.

Name, description and length of each:	Total miles. In Michigan.	
Operated under trackage rights: Hamburg to Hamburg Junction.....	2.93	2 93
Operated under trackage rights in Ohio.....	1.00	
Total.....	3.93	2.93
Total miles operated by the company.....	302.73	296.73

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	3	116
Steel bridges.....	1	689
Combination bridges.....	3	843
Wooden trestles.....	100	7,503
Total.....	107	8,651

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Lake Shore & Michigan Southern R. R., at Monroe Junction, Dundee & Pittsfield.
 Wabash R. R., at Milan.
 Detroit, Lansing & Northern R. R., at Howell Junction.
 Detroit, Grand Haven & Milwaukee R. R., at Durand and Owosso.
 Chicago & Grand Trunk R. R., at Durand.
 Michigan Central R. R., at Owosso.
 Saginaw Valley & St. Louis R. R., at St. Louis.
 Flint & Pere Marquette R. R., at Clare.
 Grand Rapids & Indiana R. R., at Cadillac.
 Cumber Lumber Co. R. R., at Cadillac.
 Manistee & Northeastern R. R., at Copemish.
 Chicago & West Michigan R. R., at Thompsonville.

What railroads cross your road either over or under your grade in this State, and where?

Under—
 Michigan Central R. R., at Ann Arbor.

At what crossings are interlocking and derailing switches in operation?

Detroit, Lansing & Northern, at Howell Junction.
 Flint & Pere Marquette, at Clare.
 Grand Rapids & Indiana, at Cadillac.
 Chicago & West Michigan, at Thompsonville.

What pattern or patterns have you adopted?

Union Switch & Signal.
 Allentown.

Number of crossings of highways at grade in this State: 312.

Number of crossings of highways at grade in this State at which there are gates or flagmen: 5.

Number of crossings at which there are electric or automatic signals: 3.

What pattern or patterns in use?

O'Neill's.

Number of crossings of highways over or under railroad (over 3, under 1).

Number of highway bridges, 18 feet above track: 3.

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?

Yes.

How are they treated?

Blocked with wood and spiked to tie.

Stations.

Number of stations on whole line.....	68
Same in Michigan.....	65

Employees.

Number of persons regularly employed on all roads operated by company, including officials Same in Michigan.....	804 719
Classify your employees as per following list:	Number.
Baggagemen	6
Brakemen	57
Conductors	53
Engineers	51
Firemen	51
Laborers	212
Shopmen	159
Yardmen	82
Others	208

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?	537
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed	40

Road bed and track.

Number of track sections in Michigan.....	43
Average lengths of sections (miles)	7.11
Average number of men in each section gang	4.
Number of new ties put in whole line during year	130,616
Number of new ties put in track in Michigan	113,729
Average number of new ties per mile of road	407
New rails put in track:	
Steel (tons, 909) miles, 16.52.	
Total miles of track laid with new rails	8.23

Bridges and culverts.

Amount of trestle work replaced with earth during the year (linear feet)	726
--	-----

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	48	\$312,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	2	7,500 00
Total	50	\$319,500 00
Number of passenger cars—12-wheel, including official cars	23	71,500 00
Number of passenger cars—8-wheel, including official cars	4	10,000 00
Number of box freight cars	1,702	680,800 00
Number of platform cars	417	104,250 00
Number of conductors' way cars	22	7,700 00
Other cars	11	7,000 00
Total	2,178	\$1,300,750 00

Number of locomotives equipped with power brakes	48
Number of passenger train cars equipped with power brakes	26
Number of freight cars equipped with power brakes	1,000

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 Passenger cars, Westinghouse, 26; locomotives, Westinghouse, 14; air brake, 17.

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1885?
 No.

What pattern or patterns have you adopted for use?
 Have tried several patterns without satisfactory results.

How are your passenger cars heated?
 Steam from engine, "Commingler system."

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	406,855
Miles run by freight trains during the year	587,377
Total mileage of trains earning revenue	993,762

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried	72		
Number of local passengers carried	260,857		
Total number of passengers carried	260,929		
Total passenger mileage	9,904,581		
Average distance traveled by each passenger		37.9	
Average amount received from each passenger			\$0 95.2
Average rate of fare per mile for through passengers			02.9
Average rate of fare per mile for local passengers			02.5
Average rate of fare per mile for all passengers			02.5

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	47,249		
Number of tons of local freight carried	793,537		
Total tons of freight carried	840,576		
Total mileage of through freight	13,960,506		
Total mileage of local freight	67,598,993		
Total freight mileage, or tons carried one mile	81,579,499		
Average ton haul for through freight carried		295	
Average ton haul for local freight		85.3	
Average ton haul for all freight		97	
Average amount received for each ton haul			\$0 81.6
Average rate per ton per mile, received for through freight			00.47
Average rate per ton per mile, received for local freight			00.91
Average rate per ton per mile, received for all freight			00.84

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	14,639
Flour	4,303
Provisions (beef, pork, lard, etc.)	120
Animals	3,984
Other agricultural products	17,874
Lumber and forest products	150,995
Plaster, lime and cement	3,494
Salt	22
Petroleum	592
Pig and bloom iron	190
Other iron and castings	1,270
Ice	5,124
Stone, brick and sand	142
Manufactures—articles shipped from point of production	34,468
Merchandise and other articles not enumerated above	17,059
Total forwarded	254,145

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	36,328	4.32
Flour	76,564	9.11
Provisions (beef, pork, lard, etc.)	697	.08
Animals	4,501	.53
Other agricultural products	60,896	5.99
Lumber and forest products	212,776	25.32
Coal	286,283	34.05
Plaster, lime and cement	10,443	1.24
Salt	6,191	.73
Petroleum	7,911	.94
Railroad iron, iron and steel rails	1,049	.13
Pig and bloom iron	8,446	.41
Other iron and castings	11,973	1.43
Ice	5,136	.62
Stone, brick and sand	6,626	.78
Manufactures—articles shipped from point of production	43,326	5.15
Merchandise and other articles not enumerated above	77,035	9.17
Total tons carried	840,576	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co.

General freight taken at depots only.

Fixed rate per mile of road.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

238.50. Toledo, Ann Arbor & North Michigan R'y Co.

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1898.

KILLED.

February 25, P. Oneill, fireman, near Lucas. Engine's boiler exploded.
 April 12, Chas. Hayner, section man of G. T. R'y, Hamburg. Struck by engine; his own carelessness.
 " 16, T. C. Wilson, fireman, near Emery. Boiler of engine exploded.
 " 17, Isaac Rushnell, laborer, near Farwell. Collision; carelessness.
 " 17, Wm. Muger, laborer, " " " "
 " 17, Seth Card, " " " "
 " 21, C. C. Swineford, fireman, 4 miles north of Emery. Collision; carelessness.
 July 4, E. E. Fuller, brakeman, Forest Hill. Fell from train; carelessness.
 " 21, A. P. Fisher, conductor, Hamburg Junction. Fell from train; carelessness; company not responsible.
 July 21, Frank Pierce, Dundee. Struck by engine on highway crossing; company not responsible; lack of caution on part of Mr. Pierce.
 October 25, S. H. Beanlin, engineer, Hamburg Junction. Sink hole; company not responsible.
 " 25, Geo. Alberts, fireman, " " " " " "
 " 25, Thos. Milligan, brakeman, " " " " " "

INJURED.

January 30, C. E. Lovett, engineer, Boon. Engine leaving rails; purely accidental.
 April 17, O. S. Carrothers, laborer, near Farwell. Collision; carelessness.
 " 17, Frank Thompson, " " " " "
 " 17, J. D. McCarthy, " " " " "
 " 17, Chas. Mitchell, " " " " "
 " 17, James Pickering, " " " " "
 " 21, Chas. Corwin, fireman, near Lake George. " "
 July 1, Chas. Hewitt, Ann Arbor. Trespasser, carelessness.
 April 28, Wm. Plant, brakeman, McBain. Fell from way car; lack of caution.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Cause of accident.	Killed.			Injured.		
	Passengers	Employés.	Others.	Passengers	Employés.	Others.
Collisions		4			6	
Derailments					1	
Falling from trains		2			1	
Highway crossings			1			
Miscellaneous		5	1			
Trespassers on trains			1			1
Total		11	2		8	1

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year	12
Number of persons injured during the year	9
Number of casualties purely accidental	4
Number resulting from lack of caution, carelessness, or misconduct	15
Trespassers and tramps killed or injured	1
Boiler explosion—killed	2

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakemen.....	2	1	3
Conductors.....	1	1	2
Engineers.....	1	1	2
Firemen.....	4		4
Laborers.....	8	5	8
Total.....	11	8	19

STATE OF OHIO, } ss.
COUNTY OF LUCAS, }

H. W. Ashley, general manager, and F. Gossman, auditor, of the Toledo, Ann Arbor & North Michigan Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

H. W. ASHLEY, *General Manager.*
F. GOSSMAN, *Auditor.*

Subscribed and sworn to before me this 8th day of May, A. D. 1894.

[L. S.]

GEO. B. PARKER,
Notary Public.

ANNUAL REPORT.
OF THE
TOLEDO, SAGINAW & MUSKEGON RAILWAY COMPANY

For the year ending December 31, 1893.

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, LEWIS J. SEARGEANT, Montreal, Province of Quebec.
Vice President and General Manager, W. J. SPICER, Detroit, Michigan.
Secretary and Treasurer, JAMES H. MUIR, Detroit, Michigan.
Superintendent, A. B. ATWATER, Detroit, Michigan.
Mechanical Superintendent, HERBERT ROBERTS, Detroit, Michigan.
Chief Engineer, GEORGE MASSON, Detroit, Michigan.
Traffic Manager, JOHN W. LOUD, Detroit, Michigan.
Solicitor, E. W. MEDDAUGH, Detroit, Mich.

DIRECTORS.

LEWIS J. SEARGEANT, Montreal, Province of Quebec.
W. J. SPICER, Detroit, Michigan.
E. W. MEDDAUGH, Detroit, Michigan.
E. MIDDLETON, Greenville, Michigan.
C. JESSE CHURCH, Greenville, Michigan.
LYMAN E. MASON, Muskegon, Michigan.
HENRY HOWARD, Port Huron, Michigan.

Terms expire third Thursday in April, 1894, or until successors are elected.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When articles of association filed: 25th January, 1886.
Number of stockholders at date of last election: 8.
Number of stockholders in Michigan at same date: 6.
Amount of full paid stock held in Michigan at same date: \$800.00.
Date of annual meeting of stockholders: Third Thursday in April.
Fiscal year of company ends 31st December.
General offices of the company are located at Detroit, Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$108,028 40
Total expenses, including taxes.....	\$105,553 64	
Net income.....		\$2,174 76
Interest on funded debt.....	\$78,000 00	
Rentals of buildings, tracks, etc.....	1,165 76	
		\$79,165 76
Balance for the year.....	\$76,991 00	
Balance (loss) from 31st December, 1892.....	113,039 88	
Items not included in above as follows:		
Advanced by Grand Trunk Ry. Co. of Canada, and Chicago & Grand Trunk Ry. Co. under traffic agreement.....		35,565 75
Balance forward to next year.....	154,465 13	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$2,800,000 00
Par value of shares.....	\$100 00	
Number of shares issued	16,000	
Amount paid in on common.....		\$1,800,000 00
Total amount paid in, as per books of the company.....		1,800,000 00
Paid in per mile of road owned by company, 96 miles		<u>\$18,888 67</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds dated 2nd July, 1888.....	5%	1st July, 1918...	New York City	\$1,580,000 00
Total funded debt				<u>\$1,580,000 00</u>

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For current balances.....	To be paid in cash.....	\$241,048 10
Total unfunded debt.....		<u>\$241,048 10</u>

RECAPITULATION.

Total funded debt.....	\$1,580,000 00
Total unfunded debt.....	241,048 10
Total debt liabilities	<u>\$1,801,048 10</u>
Amount of debt liabilities per mile of road, 96 miles	18,760 90
Total amount of stock and debt	3,401,048 10
Stock and debt per mile of road, 96 miles	<u>35,427 57</u>

GENERAL BALANCE SHEET.—Dr.

Construction account		}	\$3,168,841 96
Equipment account.....			
Cash items:			
Cash.....	\$12,122 10		
Due from agents.....	4,111 90		
			16,234 00
Other assets:			
Materials and supplies.....	\$49,978 31		
Debit balances from companies and individuals.....	11,526 70		
			61,505 01
Profit and loss.....			154,465 13
Total.....			<u>\$3,401,048 10</u>

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$1,800,000 00
Funded debt.....	1,580,000 00
	<u>\$3,380,000 00</u>
Unfunded debt:	
Interest unpaid.....	\$153,218 98
Vouchers and accounts.....	87,829 17
	241,048 10
Total.....	<u>\$3,401,048 10</u>

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: 1st August, 1888.

Original cost to present company, of road and equipment.....	\$3,160,000 00
Amount expended since purchase, account of construction.....	6,171 96
Amount expended since purchase, account of equipment.....	2,670 00
Total cost to date of report.....	\$3,168,841 96
Average cost per mile of road, not including sidings, 96 miles.....	33,008 77
Proportion of cost for Michigan.....	3,168,841 96

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

New buildings.....	\$178 73
Total.....	\$178 73
Net addition to property account.....	178 73

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$23,508 42	
Through fares.....	2,206 06	
Total passenger fares.....	\$25,798 48	
Express and baggage.....	870 20	
Mails.....	7,539 23	
Other sources.....	300 35	
Total passenger department earnings.....		\$34,508 26
Proportion for Michigan.....	\$34,508 26	
Per train mile.....	47	
Per mile of road.....	\$59 46	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$58,908 29	
Through traffic.....	14,611 85	
Total traffic.....	\$73,520 14	
Total freight department earnings.....		73,520 14
Proportion for Michigan.....	\$73,520 14	
Per train mile.....	89	
Per mile of road.....	765 88	
Total transportation earnings.....		\$106,028 40
Transportation earnings per mile of road.....	1,125 29	
Total earnings from operation of road.....	106,028 40	
Total earnings per mile of road.....	1,125 29	
Total earnings per train mile.....	69	
Proportion of taxable earnings for Michigan.....	106,028 40	
Total taxable earnings per mile of road in Michigan.....	1,125 29	
Total income from all sources.....	106,028 40	
Proportion of income for Michigan.....	106,028 40	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$19,843 24
Renewals of rails.....	781 39
Renewals of ties.....	2,700 00
Repairs of bridges, including culverts and cattle guards.....	2,051 61
Repairs of fences, road crossings and signs.....	2,118 43
Repairs of buildings.....	1,562 65
Total.....	\$28,792 82

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$9,168 14
Repairs of passenger cars.....	1,506 40
Repairs of freight cars.....	3,883 85
Total.....	\$14,557 89

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$14,280 96
Water supply.....	618 89
Oil and waste.....	930 65
Locomotive service.....	12,531 09
Passenger train service.....	8,218 08
Passenger train supplies.....	300 00
Freight train service.....	4,996 24
Freight train supplies.....	500 00
Mileage of freight cars.....	801 48
Telegraph expenses (maintenance and operating).....	650 00
Damage and loss of freight and baggage.....	708 25
Damage to property and cattle.....	112 25
Personal injuries.....	272 00
Agents and station service.....	14,963 45
Station supplies.....	1,165 75
Total.....	\$56,049 09

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$800 00
Salaries of clerks in general offices.....	965 78
Law expenses.....	560 26
Insurance.....	1,529 68
Stationery and printing.....	885 25
Outside agencies and advertising.....	909 42
Contingencies.....	2,154 00
Total.....	\$6,654 84

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	27.20	\$28,792 32
Maintenance of motive power and cars.....	18.56	14,387 89
Conducting transportation.....	52.95	56,049 09
General expenses, including taxes.....	6.29	6,654 84
Total operating expenses and taxes.....	100.00	\$106,883 64
Operating expenses and taxes per mile of road.....		\$1,102 64
Operating expenses and taxes per train mile run for trains earning revenue, 155,804 miles.....		68
Total proportion of expenses for Michigan.....		106,838 64
Percentage of expenses to earnings.....	97.99%	
Net earnings per mile of road.....		22 65
Net earnings per train mile.....		01

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Ashley, Michigan, to Muskegon, Michigan, Aug. 1, 1888.

	Miles.	Miles.
MAIN LINE.		
In Michigan, from Ashley to Muskegon.....	96	
Total length completed.....	96	
Total length of road belonging to this company.....		96
Total length of road belonging to this company in Michigan.....	96	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	9.82	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		105.82
Gauge of track, 4 feet 8½ inches.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	4	375
Wooden trestles.....	70	6,837
Total.....	74	7,212

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?
 Detroit, Lansing & Northern R. R. at Sheridan and Greenville.
 Grand Rapids & Indiana R. R. at Cedar Springs and Muskegon.
 Chicago & West Michigan R'y at Sparta, Fruitport Junction and Muskegon.

At what crossings are interlocking and derailing switches in operation?
 Detroit, Lansing & Northern R. R., crossing at Sheridan and Greenville.
 Grand Rapids & Indiana R. R. at Cedar Springs.
 Chicago & West Michigan R'y at Sparta, Fruitport Junction and Muskegon.

What pattern or patterns have you adopted?
 Wharton's.

Number of crossings of highways at grade in this State.....	125
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	3
Number of crossings of highways over or under railroad (over 2, under 2).....	4
Number of highway bridges 18 feet above track.....	2

Have safety guards been erected at overhead obstructions:
 Yes.

Are your frogs and guard rails blocked as required by act 174, session laws 1884:
 Yes.

How are they treated:
 With plank blocking.

Stations.

Number of stations on whole line.....	26
Same in Michigan.....	26

Emplo,és.

Number of persons regularly employed on all roads operated by company, including officials.....	110
Same in Michigan.....	110

Classify your employé as per following list:

	Number.
Baggagemen.....	2
Brakemen.....	6
Conductors.....	4
Engineers.....	5
Firemen.....	3
Laborers.....	48
Shopmen.....	1
Yardmen.....	1
Others.....	40

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	182.88
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed:	
In Muskegon county.....	5.50
In Kent county.....	.25
In Gratiot county.....	1.75
In Montcalm county.....	1.61
Total miles required.....	9.11

Road bed and track.

Number of track sections in Michigan.....		10
Average lengths of sections (miles).....	9.6	
Average number of men in each section gang.....		4
Number of new ties put in whole line during the year.....		6,750
Number of new ties put in track in Michigan.....		6,750
Average number of new ties per mile of road.....		64

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	5	\$25,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	1	3,000 00
Total.....	6	\$28,000 00
Number of passenger cars—8-wheel including official cars.....	2	7,000 00
Number of express and baggage cars.....	4	10,000 00
Number of box freight cars.....	80	32,000 00
Number of platform cars.....	52	15,800 00
Number of conductors' way cars.....	2	1,100 00
Total.....	140	\$98,700 00

Number of locomotives equipped with power brakes.....	6
Number of passenger train cars equipped with power brakes.....	6

What patterns of power breaks have you in use, and number of locomotives and cars with each?
Westinghouse air brakes, locomotives, 6; cars, 6.

Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1893?
Preparing to equip them.

What pattern or patterns have you adopted for use?
Gould.

How are your passenger cars heated?
Baker heaters (hot water).

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year.....	73,554
Miles run by freight trains during the year.....	12,727
Miles run by mixed trains.....	69,523
Total mileage of trains earning revenue.....	155,804

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	847		
Number of local passengers carried.....	48,136		
Total number of passengers carried.....	48,982		
Total passenger mileage.....		892,368	
Average distance traveled by each passenger.....		18.2	
Average amount received from each passenger.....			\$0 52.87
Average rate of fare per mile for through passengers.....			02.71
Average rate of fare per mile for local passengers.....			02.91
Average rate of fare per mile for all passengers.....			02.89

<i>Freight traffic.</i>			
	Tons.	Miles.	Rate.
Number of tons of through freight carried	15,197		
Number of tons of local freight carried	104,770		
Total tons of freight carried	119,967		
Total mileage of through freight		1,437,428	
Total mileage of local freight		3,055,161	
Total freight mileage, or tons carried one mile		4,492,589	
Average ton haul for through freight		96	
Average ton haul for local freight		29.2	
Average ton haul for all freight		87.4	
Average amount received for each ton haul			\$0 61.28
Average rate per ton per mile, received for through freight			01.02
Average rate per ton per mile, received for local freight			01.98
Average rate per ton per mile, received for all freight			01.64

<i>Freight forwarded at Michigan stations.</i>		Forwarded, tons.
Grain		9,875
Flour		3,231
Provisions (beef, pork, lard, etc.)		383
Animals		1,870
Other agricultural products		16,212
Lumber and forest products		56,864
Coal		8,281
Plaster, lime and cement		3,291
Salt		142
Petroleum		499
Railroad iron, iron and steel rails		843
Pig and bloom iron		597
Other iron and castings		599
Stone, brick and sand		11,084
Manufactures—articles shipped from point of production		2,621
Merchandise and other articles not enumerated above		9,665
Total forwarded		119,967

<i>Tonnage of articles transported.—Entire road.</i>		
	Tons.	Per cent.
Grain	9,875	8.23
Flour	3,231	2.69
Provisions (beef, pork, lard, etc.)	383	.25
Animals	1,870	1.56
Other agricultural products	16,212	13.51
Lumber and forest products	56,864	46.98
Coal	8,281	6.89
Plaster, lime and cement	3,291	2.74
Salt	142	.12
Petroleum	499	.42
Railroad iron, iron and steel rails	843	.70
Pig and bloom iron	597	.50
Other iron and castings	599	.50
Stone, brick and sand	11,084	9.25
Manufactures—articles shipped from point of production	2,621	2.18
Merchandise and other articles not enumerated above	9,665	8.06
Total tons carried	119,967	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

National Express Co. has exclusive right on passenger trains carrying light freight, money, etc., taking freight to and from depots, at the following rates: On through merchandise at first class rate; on local merchandise at one and one-half first class rates; on perishable goods at one and one-tenth first class rates.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?
Ninety-six miles. Owned by Western Union Telegraph Company.

Fast Freight Lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Armour & Company.....	Chicago, Ill.....	\$4 15
Anglo-American Refrigerator Car Co.....	Chicago, Ill.....	61
Alma Palace Horse Car Co.....	Chicago, Ill.....	42
American Refrigerator Transit Co.....	St. Louis, Mo.....	1 63
Chicago Refrigerator Car Co.....	Chicago, Ill.....	6 04
Hammond Refrigerator Line.....	Hammond, Ind.....	76
Live Poultry Transportation Co.....	Chicago, Ill.....	1 38
National Despatch Line.....	St. Albans, Vt.....	119 28
C., B. & L. (New York Despatch).....	Chicago, Ill.....	18 80
National Refrigerator Transit Co.....	Chicago, Ill.....	61
Union Refrigerator Transit Co.....	St. Louis, Mo.....	1 10
Union Tank Line Co.....	New York, N. Y.....	5 78
Laurel Hill Coal Co.....	Chicago, Ill.....	72
Merchants' Despatch Transportation Co.....	New York, N. Y.....	47 84
Total.....		\$208 58

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

October 12, D. Reynolds, brakeman, Owosso Junction. Falling from train; his carelessness.

INJURED.

March 29, D. Reynolds, brakeman, Perrinton. Coupling; his carelessness.

November 3, John Fike, brakeman, Perrinton. Coupling; his carelessness.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					2	
Falling from trains.....		1				
Total.....		1			2	

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

	Killed.	Injured.	Total.
Brakeman.....	1	2	3
Total.....	1	2	3

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	1
Number of persons injured during the year.....	2
Number resulting from lack of caution, carelessness, or misconduct.....	3

STATE OF MICHIGAN, } ss.
COUNTY OF WAYNE, }

W. J. Spicer, vice president and general manager, and James H. Muir, secretary and treasurer, of the Toledo, Saginaw & Muskegon Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

W. J. SPICER,
Vice President and General Manager.
JAS. H. MUIR,
Secretary and Treasurer.

Subscribed and sworn to before me this 31st day of March, A. D. 1894.

[L. S.]

L. F. LANG,
Notary Public, County of Wayne, State of Michigan.

ANNUAL REPORT
OF THE
TOLEDO & SOUTH HAVEN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 9, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, R. B. DODSON, New York.

Secretary, W. G. SNOW, New York.

Treasurer, R. B. DODSON, New York.

General Manager, ROBT. H. ENGLAND, Lawton, Mich.

Attorneys:

HOWARD J. MANSFIELD, New York.

L. H. TITUS, Paw Paw, Mich.

Receiver, JOHN IHLING, Lake Boon, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: April 21, 1876.

Fiscal year of company ends June 31.

General offices of the company are located at Lawton, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$23,249 29
Total expense, including taxes	\$19,091 16	
Net income		\$4,158 13

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association	\$250,000 00
Par value of shares	\$100 00
Number of shares issued	2,500
Amount paid in on common	\$242,500 00
Total amount paid in, as per books of the company	\$242,500 00
Paid in per mile of road owned by company, 38.60 miles	6,225 68

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage	6%	1897	New York	\$216,000 00
Total funded debt				\$216,000 00

UNFUNDED DEBT.

For construction	\$4,880 00
For miscellaneous	490 00
Total unfunded debt	<u>\$5,110 00</u>

RECAPITULATION.

Total funded debt	\$216,000 00
Total unfunded debt	5,110 00
Total debt liabilities	<u>\$221,110 00</u>
Amount of debt liabilities per mile of road, 36.60 miles	6,041 25
Total amount of stock and debt	483,610 00
Stock and debt per mile of road, 36.60 miles	<u>12,666 94</u>

GENERAL BALANCE SHEET.—Dr.

Construction account	\$1,884 47
Cash items:	
Cash remitted to New York, etc.	2,732 22
Due from agents, etc.	1,162 06
Total	<u>\$5,728 75</u>

GENERAL BALANCE SHEET.—Cr.

Unfunded debt	\$5,110 00
Profit and loss or income accounts	618 75
Total	<u>\$5,728 75</u>

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line:	
Total passenger fares	\$12,260 78
Express and baggage	1,862 23
Mails	1,840 68
Total passenger department earnings	\$15,972 59
Proportion for Michigan	\$15,972 59

FREIGHT EARNINGS.

Main line:	
Local traffic	\$7,276 70
Total freight department earnings	7,276 70
Proportion for Michigan	\$7,276 70
Total transportation earnings	\$23,249 29
Transportation earnings per mile of road	635 25
Transportation earnings per train mile .....	. 47
Total earnings from operation of road	23,249 29
Total earnings per mile of road	635 25
Proportion of taxable earnings for Michigan	23,249 29
Total taxable earnings per mile of road in Michigan	635 25
Total income from all sources	23,249 29
Proportion of income for Michigan	<u>23,249 29</u>

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$3,989 29
Renewals of ties	1,440 50
Repairs of bridges, including culverts and cattle guards	601 16
Repairs of fences, road crossings and signs	625 83
Repairs of buildings	162 00
Total	<u>\$6,766 88</u>

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$1,780 28
Repairs of passenger cars.....	180 56
Repairs of freight cars.....	245 82
Total.....	\$2,138 11

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$1,868 26
Water supply.....	71 00
Oil and waste.....	208 14
Locomotive service.....	1,790 82
Passenger train service.....	1,280 18
Telegraph expenses (maintenance and operating).....	140 00
Damage and loss of freight and baggage.....	95 50
Agents and station service.....	3,205 65
Total.....	\$8,649 50

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$1,000 00
Insurance.....	36 00
Stationery and printing.....	40 64
Outside agencies and advertising.....	462 08
Taxes.....	
Total.....	\$1,538 72

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....		\$6,766 88
Maintenance of motive power and cars.....		2,136 11
Conducting transportation.....		8,649 50
General expenses, including taxes.....		1,538 72
Total operating expenses and taxes.....	100.00	\$19,091 16
Operating expenses and taxes per mile of road.....		\$521 61
Operating expenses and taxes per train mile run for trains earning revenue, 49,492 miles.....	37.99	
Proportion of operating expenses and taxes for Michigan, main line.....		19,091 16
Total proportion of expenses for Michigan.....		19,091 16
Percentage of expenses to earnings.....	82.11	
Net earnings per mile of road.....		118.3
Net earnings per train mile.....		8

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Lawton to South Haven, August, 1887.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Lawton to South Haven.....	36.60	
Total length completed.....		36.60
Total length of road belonging to this company in Michigan.....	36.60	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	1.20	
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....		37.80
Gauge of track, 3 feet.		

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	11	920
Total.....	11	920

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?
 C. & W. M., at Hartford.
 Michigan Central, at South Haven.

At what crossings are interlocking and derailing switches in operation?
 Hartford.

What pattern or patterns have you adopted?
 Scotch block.

Number of crossings of highways at grade in this State, 21.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?
 Yes.

How are they treated?
 With wood.

Stations.

Number of stations on whole line	7
Same in Michigan	7

Employees.

Number of persons regularly employed on all roads operated by company, including officials	27
Same in Michigan	27

Classify your employees as per following list:

Number.

Baggagemen	1
Conductors	1
Engineers	1
Firemen	1
Laborers	18
Others	5

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you? 51.

Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed	22
--	----

Total miles required	22
----------------------------	----

Road bed and track.

Number of track sections in Michigan	6
Average lengths of sections, miles	6
Average number of men in each section gang	3
Number of new ties put in whole line during the year	9,984
Number of new ties put in track in Michigan	269

ROLLING STOCK.

	Number.	Present esti- mated value.
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2	\$5,000 00
Total	2	\$5,000 00
Number of passenger cars—8-wheel, including official cars	4	7,000 00
Number of express and baggage cars	3	3,500 00
Number of box freight cars	12	2,500 00
Number of platform cars	16	3,200 00
Other cars as follows	12	600 00
Total	47	\$21,800 00

Number of locomotives equipped with power brakes	2
Number of passenger train cars equipped with power brakes	7
Number of freight cars equipped with power brakes	2

What patterns of power brakes have you in use, and number of locomotives and cars with each?
 Westinghouse—Engines, 2; coaches, 3.
 Eames vacuum—Coaches, 4; cars, 2.

How are your passenger cars heated?
 Stoves and Baker heater.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by mixed trains.....	49,492
Total mileage of trains earning revenue.....	49,492

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried	40,801		
Total number of passengers carried.....	40,801		
Average distance traveled by each passenger.....		32.5	
Average amount received from each passenger.....			\$0 80
Average rate of fare per mile for local passengers.....			03
Average rate of fare per mile for all passengers.....			03

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of local freight carried	9,172		
Total tons of freight carried.....	9,172		
Total mileage of local freight		201,720	
Average ton haul for local freight.....		22	
Average ton haul for all freight.....		22	
Average rate per ton per mile received for local freight.....			\$0 79
Average rate per ton per mile received for all freight.....			79

Freight forwarded at Michigan Stations.

Forwarded, tons.

Grain.....	1,411
Flour.....	680
Provisions (beef, pork, lard, etc.).....	48
Animals.....	528
Other agricultural products.....	260
Lumber and forest products.....	2,780
Coal.....	270
Plaster, lime and cement.....	198
Salt.....	160
Petroleum.....	120
Other iron and castings.....	214
Stone, brick and sand.....	183
Manufactures—articles shipped from point of production.....	64
Merchandise and other articles not enumerated above.....	2,309
Total forwarded.....	9,172

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain.....	1,411	15.37
Flour.....	680	6.86
Provisions (beef, pork, lard, etc.).....	48	
Animals.....	528	6.28
Other agricultural products.....	260	2.82
Lumber and forest products.....	2,783	30.33
Coal.....	270	2.84
Plaster, lime and cement.....	198	2.12
Salt.....	160	1.84
Petroleum.....	120	1.40
Other iron and castings.....	214	2.32
Stone, brick and sand.....	183	
Manufactures—articles shipped from point of production.....	64	2.87
Merchandise and other articles not enumerated above.....	2,309	25.20
Total tons carried.....	9,172	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

American Express Co. on agreed basis.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Telephone. 37 miles. T. & S. H. R. R.

STATE OF MICHIGAN, } ss.
COUNTY OF VAN BUREN, }

Robert H. England, general manager, of the Toledo & South Haven Railroad Company, being duly sworn depoees and says that he has caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of his knowledge and belief.

[L. S. OF R. R.]

Signed,

ROBERT H. ENGLAND,

Subscribed and sworn to before me this 8th day of May, A. D. 1894.

[L. S.]

ANNA E. POTTER,
Notary Public.

ANNUAL REPORT
OF THE
WABASH RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed March 19, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, O. D. ASHLEY, New York.
Vice Presidents, { EDGAR T. WELLES, New York.
 { CHAS. M. HAYS, St. Louis, Mo.
Secretary, J. C. OTTESON, New York.
Auditor, D. B. HOWARD, St. Louis, Mo.
Treasurer, F. L. O'LEARY, St. Louis, Mo.
General Manager, CHAS. M. HAYS, St. Louis, Mo.
General Superintendent, H. L. MAGEE, St. Louis, Mo.
Division Superintendents:
 E. A. GOULD, Peru, Ind.
 J. S. GOODRICH, Chicago, Ills.
 F. H. McGUIGAN, Kansas City, Mo.
Chief Engineer, W. S. LINCOLN, St. Louis, Mo.
Superintendent of Telegraph, G. C. KINSMAN, Decatur, Ill.
General Passenger Agent, F. CHANDLER, St. Louis, Mo.
General Freight Agent, S. B. KNIGHT, St. Louis, Mo.
Attorney, WELLS H. BLODGETT, St. Louis, Mo.

DIRECTORS.

O. D. ASHLEY, New York.
 GEO. J. GOULD, New York.
 EDGAR T. WELLES, New York.
 HENRY K. McHARG, New York.
 C. J. LAWRENCE, New York.
 P. B. WYCOFF, New York.
 S. C. REYNOLDS, Toledo, O.
 EDWIN GOULD, New York.
 THOS. H. HUBBARD, New York.
 JOHN T. TERRY, New York.
 RUSSELL SAGE, NEW YORK.
 C. C. MACRAE, London, England.
 FRANCIS PAVY, London, England.

Terms expire second Tuesday in September, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: July 31, 1889.
 Number of stockholders at date of last election: Not known.
 Number of stockholders in Michigan at same date: Not known.
 Amount of full paid stock held in Michigan at same date: Not known.
 Date of annual meeting of stockholders: Second Tuesday in September.
 Fiscal year of company ends June 30.
 General offices of the company are located at St. Louis, Mo.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$14,839,096 86
Total expenses, including taxes	\$11,190,012 62	
Net income		\$3,149,084 24
Interest on funded debt and rentals leased lines	\$2,804,196 83	
Rentals of buildings, tracks, etc.	462,607 33	
Sundries	144,104 78	
		3,410,905 89
Balance for the year, deficit		\$261,821 15
Balance (profit and loss) last year		487,243 20
Items not included in above, as follows:		
Transferred to profit and loss account		184,280 77
Balance forward to next year, income account		41,141 28

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$52,000,000 00
Par value of shares	\$100 00	
Number of shares issued	520,000	
Amount paid in on common		\$28,000,000 00
Amount paid in on preferred		24,000,000 00
Total amount paid in as per books of the company		\$52,000,000 00
Paid in per mile of road owned by company, 1,594 miles		\$32,622 83

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, charter and date of issue.	Rate of Interest.	When due.	Where payable.	Amount outstanding.
First mortgage bonds, the Wabash R. R. Co.	5%	1939	New York	\$22,754,000 00
Second mortgage bonds, the Wabash R. R. Co.	5%	1939	"	14,000,000 00
Debenture bonds	4%	1939	"	30,000,000 00
First mortgage bonds, Nor. Missouri R. R.	7%	1935	"	6,000,000 00
Real estate and railway mortgage	7%	1935	"	3,000,000 00
First mortgage bonds, St. Charles bridge	6%	1908	"	1,000,000 00
Second mortgage bonds, St. Charles bridge	7%	1909	"	328,500 00
First mortgage bonds Boone Co. & Booneville	7%	1909	"	100,000 00
First mortgage bonds Brunswick & Chillicothe	6%	1909	"	304,500 00
First mortgage bonds St. L., C. B. & O. R. R.	6%	1908	"	577,000 00
First mortgage bonds Det. & Chicago Extension	5%	1941	"	2,500,000 00
Total funded debt				\$81,624,000 00

*If earned.

RECAPITULATION.

Total funded debt	\$81,624,000 00
Total debt liabilities	\$81,624,000 00
Amount of debt liabilities per mile of road, 1,695.2 miles	48,150 00
Total amount of stock and debt	133,624,000 00
Stock and debt per mile of road, 1,695.2 miles	80,772 83

GENERAL BALANCE SHEET.—Dr.

Construction account		\$133,483,500 00
Equipment account		
Other investments:		
Capital stock, A. R. T. Co.	\$121,700 00	
Capital stock Union Depot Kansas City	14,502 00	
Capital stock Keokuk Union depot	3,000 00	
Capital stock Union Elevator Co. C. B.	5,000 00	
Capital stock World's Columbian Exposition	20,000 00	
Bonds, Peru & Detroit Ry.	90,000 00	
Other investments	153,820 22	
		407,422 22

Cash items:		
Cash	\$1,022,933 04	
Bills receivable	23,399 90	
Due from agents	70,808 57	
		\$1,118,041 51
Other assets:		
Materials and supplies	\$466,195 29	
Debit balances from companies and individuals	1,761,032 19	
		2,227,227 58
Wabash reorganization		180,000 00
Total		\$127,366,191 31

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$52,000,000 00
Funded debt	81,624,000 00
Unfunded debt:	
Interest unpaid	\$956,278 24
Notes payable	504,607 07
Vouchers and accounts	981,114 99
Other liabilities	1,152,750 74
	3,544,746 04
Income account	41,141 28
Profit and loss	156,308 99
Total	\$137,366,191 31

COST OF ROAD AND EQUIPMENT.

Purchased by present company.

When purchased: July 1, 1889.	
Original cost to present company, of road and equipment	\$133,433,500 00
Total cost to date of report	133,433,500 00
Average cost per mile of road, not including sidings, 1,695.2 miles	80,772 38
Proportion of cost for Michigan 75.9 miles	6,123,697 08

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

	Total passenger fares.	Excess. and baggage.	Mails.	Other sources.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches								
<i>Leased or proprietary roads:</i>								
Detroit Division—Comprising the Detroit, Butler & St. L. R. R.								
Peru & Detroit R. R.								
Chicago & Erie Track								
Detroit, Butler & St. L. R. R.								
Peru & Detroit R. R.								
<i>From January 1 to April 30, 1893, 339.5 miles</i>	\$136,431 22	\$3,468 61	\$6,276 54	\$3,433 06	\$148,429 45	\$34,844 86		
<i>From May 1 to December 31, 1893, 215.2 miles</i>	\$94,555 80	8,748 48	12,589 12	4,300 01	430,173 41	155,013 19		
Total passenger department earnings	\$530,887 03	\$12,237 09	\$18,868 66	\$3,642 09	\$568,601 86	\$160,858 04	\$0 99.43	\$2,368 48

FREIGHT EARNINGS.

	Total traffic.	Other sources, freight department.	Total.	Proportion for Michigan.	Per train mile.	Per mile of road.
Main line and branches						
<i>Leased or proprietary roads:</i>						
Detroit Division—Comprising the Detroit, Butler & St. L. R. R.						
Peru & Detroit R. R.						
Chicago & Erie Track						
Detroit, Butler & St. L. R. R.						
Peru & Detroit R. R.						
<i>From January 1 to April 30, 1893, 339.5 miles</i>	\$460,040 22	\$3,732 89	\$468,773 11	\$110,047 77		
<i>From May 1 to December 31, 1893, 218.2 miles</i>	454,697 65	23,756 21	477,453 86	176,145 90		
Total freight department earnings	\$914,737 87	\$31,489 10	\$946,226 97	\$236,193 67	\$1 21.33	\$3,555 80

Total transportation earnings, entire line		\$13,750,161 61
Transportation earnings per mile of road, 1,978.8	\$6,908 83	
Transportation earnings per train mile	1 13.5	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From other sources	588,985 25	
Total		\$14,339,096 86
Distribution of miscellaneous earnings between main line and leased or proprietary roads.		
Company.	Proportion for Michigan.	
Detroit Elevator Commissions	\$3,086 68	
Total earnings from operation of road, entire line		\$13,750,161 61
Total earnings per mile of road, entire line	\$6,908 83	
Total earnings per train mile, entire line	1 13.5	
Proportion of taxable earnings for Michigan	478,051 71	
Total taxable earnings per mile of road in Michigan, 80.5	5,913 68	
Income other than from earnings, entire line	588,985 25	
Total income from all sources		\$14,339,096 86
Proportion of income for Michigan	479,090 89	

ANALYSIS OF EXPENSES—ENTIRE LINE.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$1,101,780 54
Renewals of rails	251,714 24
Renewals of ties	381,833 5 4
Repairs of bridges, including culverts and cattle guards	292,908 94
Repairs of fences, road crossings and signs	49,418 82
Repairs of buildings	136,809 28
Total	\$2,214,259 86

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$629,267 73
Repairs of passenger cars	356,222 18
Repairs of freight cars	713,106 82
Total	\$1,698,596 68

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$780,959 37
Water supply	96,236 65
Oil and waste	87,787 86
Locomotive service	996,171 04
Passenger train service	196,876 66
Passenger train supplies	55,519 73
Mileage of passenger cars	15,378 47
Freight train service	578,191 19
Freight train supplies	294 21
Mileage of freight cars	836,865 19
Telegraph expenses (maintenance and operating)	232,018 27
Damage and loss of freight and baggage	61,044 71
Damages to property and cattle	67,822 32
Personal injuries	137,652 06
Agents and station service	1,807,472 87
Station supplies	57,891 87
Total	\$5,501,281 96

GENERAL EXPENSES.

Salaries of the general officers of the company	\$263,024 50
Salaries of clerks in general offices	42,427 70
Law expenses	54,851 74
Insurance	19,034 02
Stationery and printing	78,196 70
Outside agencies and advertising	347,691 31
Contingencies	481,847 88
Taxes	488,900 45
Total	\$1,775,874 10

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings	\$2,214,259 86
Maintenance of motive power and cars	1,668,596 63
Conducting transportation	5,501,281 98
General expenses, including taxes	1,775,874 10
Total operating expenses and taxes	\$11,160,012 52
Operating expenses and taxes per mile of road, 1,978.8	\$5,849 89
Operating expenses and taxes per train mile run for trains earning revenue, 12,112,486 miles	92.38
Proportion of operating expenses and taxes for Michigan, main line	1,622,687 45
Total proportion of expenses for Michigan, 80.5 miles	511,457 09
Percentage of expenses to earnings, entire line	81.39
Net earnings per mile of road	1,353 49
Net earnings per train mile	22.73

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Detroit to Butler, 1881.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Delray to Ohio state line		75.9
Total length of road belonging to this company in Michigan	75.9	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated		37.1
Aggregate length of tracks in Michigan belonging to this company, computed as single track		113.0
Gauge of track, 4 feet 8½ inches.		

Proprietary or leased roads operated by this company.

Name, description and length of each:	
Detroit Union Depot tracks, Union Depot to Delray	4.6
Total miles operated by the company in Michigan	80.5
Total miles operated by the company, entire line	1,978.8

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	103	604
Combination bridges	2	284
Wooden trestles	80	4,677
Total	184	5,645

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Lake Shore & Michigan Southern R. R. at Delray, Raisin Center and Adrian.
Michigan Central R. R. at Delray and West Detroit.
Flint & Pere Marquette R. R. at Romulus.
Toledo, Ann Arbor & North Mich. R. R. at Milan.
Cincinnati, Jackson & Mackinaw R. R. at Britton.

At what crossings are interlocking and derailing switches in operation?

L. S. & M. S. at Delray, Adrian, Raisin Center.
Mich. Central at West Detroit.
Romulus.

What pattern or patterns have you adopted?

Saxby & Farmer pattern made by Union Switch & Signal Company.

Number of crossings of highways at grade in this State

Number of crossings of highways at grade in this State at which there are gates or flagmen

Have safety guards been erected at overhead obstructions?

Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws, 1884?

Yes.

How are they treated?

Blocked with plank.

Stations.

Number of stations on whole line.....	455
Same in Michigan	16

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	8,872
Same in Michigan	432

Classify your employes as per following list:

Number.

Baggagemen.....	15
Brakemen.....	48
Conductors.....	30
Engineers.....	26
Firemen.....	27
Laborers.....	153
Shopmen.....	26
Others.....	88

*REPAIRS AND RENEWALS.**Fencing in Michigan.*

How many miles of fencing have you.....	75.198
---	--------

Give the number of miles required to complete fence both sides of your track in Michigan and the counties in which needed: All fenced.

Road bed and track.

Number of track sections in Michigan.....	11
Average lengths of sections (miles).....	6.9
Average number of men in each section gang.....	6.1
Number of new ties put in track in Michigan.....	47,073
Average number of new ties per mile of road.....	631
New rails put in track:	
Steel, tons 2,235.9; miles, 24.1.	

Bridges and culverts.

Timber culverts replaced during the year:

With sewer pipe—number.....	2
With timber—number.....	4

New bridges built during the year:

Location.	Kind.	Material.	Month built.	Feet in length.
Between Belleville and Willis.....	Pile trestle.....	Oak and pine.	January.....	16
West of Willis.....	" ".....	" " " "	September.....	17
Between Milan and Cone.....	" ".....	" " " "	August.....	13
" Britton and Holloway.....	" ".....	" " " "	September.....	16
" ".....	" ".....	" " " "	".....	17
" Seneca and North Morenci.....	" ".....	" " " "	June.....	17
Sand Creek and Seneca.....	" ".....	" " " "	October.....	15

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	380	\$1,500,000 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	36	76,000 00
Total.....	418	\$1,576,000 00
Number of passenger cars—12-wheel, including official cars.....	111	280,000 00
Number of passenger cars—8-wheel including official cars.....	94	150,000 00
Number of express and baggage cars.....	106	180,000 00
Number of box freight cars.....	6,506	1,800,000 00
Number of stock cars.....	1,145	220,000 00
Number of platform cars.....	5,747	940,000 00
Number of conductors' way cars.....	223	90,000 00
Other cars.....	81	28,000 00
Total.....	14,011	\$3,768,000 00

Number of locomotives equipped with power brakes	402
Number of passenger train cars equipped with power brakes	811
Number of freight cars equipped with power brakes	1,530

What patterns of power brakes have you in use, and number of locomotives and cars with each?

Westinghouse: Cars, 530; locomotives, 306; Westinghouse air.
American: 1,000 cars; 96 locomotives; American Brake Co. steam.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

Yes.

What pattern or patterns have you adopted for use?

Gould.

How are your passenger cars heated?

Hard coal stoves and hot water heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	5,085,456
Miles run by freight trains during the year	7,027,030
Total mileage of trains earning revenue	12,112,486

Passenger traffic.

	Numbers.	Miles.	Rate.
Total number of passengers carried	3,857,217		
Total passenger mileage		225,489,951	
Average distance traveled by each passenger		58.4	
Average amount received from each passenger			\$1 08.99
Average rate of fare per mile for all passengers			01.885

Freight traffic.

	Tons.	Miles.	Rate.
Total tons of freight carried	6,174,555		
Total freight mileage, or tons carried one mile		1,227,248,501	
Average ton haul for all freight		198.7	
Average amount received for each ton haul			\$1 38.08
Average rate per ton per mile, received for all freight			00.695

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Grain	1,290,190	20.25
Flour	116,962	1.88
Provisions (beef, pork, lard, etc.)	181,533	2.91
Animals	473,861	7.61
Other agricultural products	301,251	4.84
Lumber and forest products	481,761	7.74
Coal	1,652,483	26.55
Plaster, lime and cement	124,167	2.00
Petroleum	65,962	1.06
Railroad iron, iron and steel rails	10,295	.17
Pig and bloom iron	28,069	.37
Other iron and castings	17,785	.29
Ores	12,311	.20
Stone, brick and sand	145,125	2.33
Manufactures—articles shipped from point of production	870,546	14.76
Merchandise and other articles not enumerated above	485,164	7.04
Total tons carried	6,174,555	100.00

ADDITIONAL QUESTIONS.

Express companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

Pacific Express Company.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

206.5 miles on Detroit Div.
Western Union Telegraph Co.

TRANSPORTATION COMPANIES.

Sleeping, drawing-room and palace car companies

What sleeping, drawing-room, chair or other palace passenger cars, not the exclusive property of your own or some other railroad company, have, during the year, been in use on your road in the State of Michigan, and on what terms? If rented by you, or allowed mileage between local points in this State, what was the amount paid for the use of such cars during the period under report?

Wagner Palace Car Co., New York. Amount paid not kept separate for Michigan.

Fast freight lines.

To what fast freight lines, or other transportation companies, running cars upon your road, not the exclusive property of any railroad company paying taxes in this State upon its gross receipts, have you paid car mileage or car rentals for the use of such cars, while in use for traffic between local points in this State, and what was the amount of such car rental or mileage paid?

Name of company.	General office.	Amount paid.
Blue Line.....	} Not kept separate for Michigan.
Canadian Pacific Despatch.....	
Canada Southern Line.....	
Empire Line.....	
Erie Despatch.....	
Great Eastern Line.....	
Merchants' Despatch Transportation Co.....	
Midland Line.....	
National Despatch Line.....	
Red Line.....	
Union Line.....	
White Line.....	

REPORT OF ACCIDENTS FOR MICHIGAN DURING THE YEAR 1893.

KILLED.

April 21, E. M. Comstock, citizen, aged 78 years, Whittaker. Walked onto track at public crossing directly in front of engine of approaching train; appearance of suicide.

September 4, Miles One or Miles Orr, trespasser, boy aged 6 years, Delray. Run over by freight car.

September 9, Kane, Wm. or Doran, Wm., trespasser, Detroit. Was stealing ride on pilot of passenger engine.

January 13, Wilson, Geo. or Robert, paper carrier, trespasser, Detroit. Running on track toward approaching engine.

INJURED.

April 16, H. Marles or P. Maynes, trespasser, one mile east of Belleville. Lying on track asleep, supposed to have been intoxicated.

August 2, Kelly, F. M., fireman, Delray. Cleaning side of engine; fell off; foot cut off; purely accidental.

August 3, Gantly, Jas. A., brakeman, Britton. Coupling engine to car; purely accidental.

December 3, Smith, Robert, brakeman, Britton. Knocked off side of car; arm broken.

TABULAR STATEMENT OF ACCIDENTS IN MICHIGAN.

Causes of accident.	Killed.			Injured.		
	Passengers.	Employés.	Others.	Passengers.	Employés.	Others.
Coupling cars.....					1	
Falling from trains.....			1		1	
Highway crossings.....			1			
Miscellaneous.....					1	
Trespassers on trains.....						2
Trespassers on tracks.....			1			
Total			2		2	2

SUMMARY OF ACCIDENTS IN MICHIGAN.

Number of persons killed during the year.....	2
Number of persons injured during the year.....	5
Number of casualties purely accidental.....	2
Number resulting from lack of caution, carelessness, or misconduct.....	2
Persons killed or injured while intoxicated.....	1
Trespassers and tramps killed or injured.....	4

CLASSIFICATION OF EMPLOYEES.

KILLED OR INJURED IN MICHIGAN.

Employés.	Killed.	Injured.	Total.
Brakemen		2	2
Engineers.....		1	1
Total		3	3

STATE OF MISSOURI, }
CITY OF ST. LOUIS, } ss.

Charles M. Hays, Vice president and general manager, of the Wabash Railroad Company, being duly sworn deposes and says that he has caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of his knowledge and belief.

[L. S. OF E. R.]

Signed,

CHAS. M. HAYS,
Vice President and General Manager.

Subscribed and sworn to before me this 14th day of March, A. D. 1894.

[L. S.]

B. C. WINSTON,
Notary Public, City St. Louis, Mo.

ANNUAL REPORT

OF THE

GOGEBIC & MONTREAL RIVER RAILROAD COMPANY.

OPERATED BY THE NORTHERN PACIFIC RAILROAD, LESSEE OF SO-CALLED WISCONSIN
CENTRAL LINES.*From January 1 to September 30, 1893.*

[Filed April 3, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

Auditor, M. P. MARTIN, St. Paul, Minn.
Treasurer, CHAS. A. CLARK, St. Paul, Minn.
General Manager, S. R. AINSLIE, Chicago, Ill.
General Superintendent, GAVIN CAMPBELL, Chicago, Ill.
Division Superintendent, A. B. HORN, Stevens Point, Wis.
Chief Engineer, J. W. KENDRICK, Chicago, Ill.
Superintendent of Telegraph, O. C. GREENE, St. Paul, Minn.
General Passenger Agent, JAS. C. POND, Chicago, Ill.
General Freight Agent, J. B. CAVANAUGH, Chicago, Ill.
Attorney, T. H. GILL, Chicago, Ill.
General Solicitor, D. S. WEGG, Chicago, Ill.

DIRECTORS.

See report of proprietary company.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

See report of proprietary company.

REMARKS.

Offices of lessee company are located as shown above.
 Fiscal year of lessee company ends June 30.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$28,874 08
Total expenses, including taxes	\$42,699 91	
Net deficit.....	\$13,825 83	

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$2,227 48	
Through fares.....	925 77	
Total passenger fares.....	\$3,153 25	
Express and baggage.....	157 68	
Mails.....	225 16	
Total passenger department earnings.....		\$3,536 07
Proportion for Michigan.....	\$3,536 07	
Per train mile.....	85	
Per mile of road.....	187 09	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$1,789 83	
Through traffic.....	22,785 33	
Total traffic.....	\$24,575 01	
Other sources.....	762 00	
Total freight department earnings.....		25,337 01
Proportion for Michigan.....	\$25,337 01	
Per train mile.....	2 08	
Per mile of road.....	1,840 53	
Total transportation earnings.....		\$28,873 08
Transportation earnings per mile of road.....	\$1,527 67	
Transportation earnings per train mile.....	1 29.6	
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From other sources.....		1 00
Total earnings from operation of road.....		\$28,874 08
Total earnings per mile of road.....	\$1,527 67	
Total earnings per train mile.....	1 29.6	
Total income from all sources.....		\$28,874 08
Proportion of income for Michigan.....		28,874 08

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$7,049 83
Renewals of rails.....	\$77 83
Renewals of ties.....	1,664 22
Repairs of bridges, including culverts and cattle guards.....	1,264 13
Repairs of fences, road crossings and signs.....	5,295 79
Repairs of buildings.....	334 13
Total.....	\$15,530 62

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$2,167 16
Repairs of passenger cars.....	139 97
Repairs of freight cars.....	529 71
Total.....	\$2,836 84

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$5,808 97
Water supply	316 74
Oil and waste	165 11
Locomotive service	5,184 86
Passenger train service	467 87
Passenger train supplies	166 84
Mileage of passenger cars	20 21
Freight train service	929 84
Freight train supplies	191 41
Mileage of freight cars	139 83
Telegraph expenses (maintenance and operating)	1,006 96
Damage and loss of freight and baggage	27 49
Damages to property and cattle	30 00
Personal injuries	250 00
Agents and station service	6,730 97
Station supplies	309 63
Total	\$21,798 78

GENERAL EXPENSES.

Salaries of the general officers of the company	\$116 07
Salaries of clerks in general offices	430 78
Law expenses	72 27
Insurance	98 99
Stationery and printing	80 63
Outside agencies and advertising	285 87
Contingencies	10 67
Taxes	1,443 54
Total	\$2,538 72

RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings	86.37	\$15,530 62
Maintenance of motive power and cars	6.64	2,836 84
Conducting transportation	51.04	21,798 78
General expenses, including taxes	5.93	2,538 72
Total operating expenses and taxes	100.00	\$42,699 91
Operating expenses and taxes per mile of road		\$2,359 25
Operating expenses and taxes per train mile run for trains earning revenue, 23,270 miles		1 92
Proportion of operating expenses and taxes for Michigan, main line		42,699 91
Total proportion of expenses for Michigan		42,699 91
Percentage of expenses to earnings	147.9	
Net loss per mile of road		731 58
Net loss per train mile		62.08

DESCRIPTION OF ROAD.

Date when road was opened for use between its present termini:

From Wisconsin state line to Bessemer, June 6, 1887.

Industrial branches and spurs:	Length, feet.	Miles.
Ironwood, Range Lumber Co.'s spur	845	
Ashland Mine, coal dock track No. 1	1,087	
" " " " No. 2	448	
" " " spur to shaft No. 8	1,153	
" " " stock pile	804	
" " " stock pile track	583	
" " " No. 8 shaft	486	
" " " track to shaft No. 4	902	
" " " No. 5	709	
" " " stock pile track shaft No. 5	300	
Bessemer, Gogebic Electric Co. spur	183	
Colby Mine, Gogebic Powder Co.'s spur	378	
" " " spur to shaft No. 5	1,936	
" " " stock pile track shaft No. 5	1,185	
" " " No. 6 and 7, timber and stock pile	2,424	
" " " coal dock track No. 2	569	
" " " " No. 3	468	
" " " log track shaft No. 9	1,224	
" " " stock pile and timber track No. 9	1,080	
Palms Mine, " " "	597	
" " " spur, Callenders spur	344	
" " " tracks	10,808	
Total, feet	28,653	5.43

MAIN LINE.		Miles.	Miles.
In Michigan, from Wisconsin state line to Bessemer		6.84	
Total length completed			6.84
BRANCHES AND SPURS.			
Aahland Mine Spur		0.62	
Colby Mine Spur		1.94	
Colby Mine Switchback		1.43	
Palma Mine Spur		2.65	
Industrial branches and spurs per list		5.48	
Total length of branches owned by company			12.06
Total length of branches owned by company in Michigan		12.06	
Total length of road belonging to this company			18.90
Total length of road belonging to this company in Michigan		18.90	
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated		10.09	
Aggregate length of tracks in Michigan belonging to this company, computed as single track			28.99
Gauge of track, 4 feet 8½ inches.			

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, ft.
Wooden bridges	4	314
Wooden trestles	7	3,081
Total	11	3,345

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?
M., L. S. & Western R. R., at Bessemer and Palms Mine.

What railroads cross your road either over or under your grade in this State, and where?
Under—

M., L. S. & W. R. R., at Ironwood, near Siemens.
D., S. S. & A. R. R., west of Bessemer.
M., L. S. & W. R. R., at Bessemer.

Number of crossings of highways at grade in this State: 5.

Number of crossings of highways at grade in this State at which there are gates or flagmen: 1.

Number of crossings of highways over or under railroad: under, 8.

Have safety guards been erected at overhead obstructions?
Yes.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
Yes.

How are they treated?
Filled in with wooden blocks.

Stations.

Number of stations on whole line	2
Same in Michigan	2

Employees.

Number of persons regularly employed on all roads operated by company, Wis. Cent. line, including officials	2,740
Same in Michigan	68

Classify your employés as per following list:

	Number.
Brakemen	4
Conductors	2
Engineers	3
Firemen	8
Laborers	21
Shopmen	10
Yardmen	9
Others	11

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	5.37
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed: Gogebic county, main line only.....	1.33
Right of way on south side adjoins M., L. S. & W. R'y track between Siemens and Ironwood, no fence required.	

Road bed and track.

Number of track sections in Michigan, main line 2, spurs 1.....		3
Average lengths of sections, miles { main line		8 $\frac{3}{4}$
{ mine spurs		10 $\frac{1}{4}$
Average number of men in each section gang		7
Number of new ties put in whole line during the year		7,412
Number of new ties put in track in Michigan		7,412
Average number of new ties per mile of road		892
New rails put in track:		
Steel [tons, 8 $\frac{1}{2}$, 6 $\frac{3}{8}$] miles		0.79

ROLLING STOCK.

No special rolling stock assigned to lines in Michigan.

Are your freight cars being equipped with automatic couplers as required by act No. 147, session laws of 1885?

What pattern or patterns have you adopted for use?
Janney-Hein.

How are your passenger cars heated?
Baker heaters.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	10,108
Miles run by freight trains during the year	12,187
	<hr/>
Total mileage of trains earning revenue	22,270

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	11,435		
Number of local passengers carried.....	12,704		
Total number of passengers carried	24,139		
Total passenger mileage.....		118,105	
Average distance traveled by each passenger.....		4.885	
Average amount received from each passenger.....			\$0 13.0625
Average rate of fare per mile for through passengers.....			02.5049
Average rate of fare per mile for local passengers.....			02.9232
Average rate of fare per mile for all passengers.....			02.7879

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	429,334		
Number of tons of local freight carried.....	2,555		
Total tons of freight carried	431,789		
Total mileage of through freight.....		1,945,505	
Total mileage of local freight.....		15,352	
Total freight mileage, or tons carried one mile.....		1,960,857	
Average ton haul for through freight.....		4.53	
Average ton haul for local freight.....		6	
Average ton haul for all freight.....		4.54	
Average amount received for each ton haul.....			\$0 05.69
Average rate per ton per mile, received for through freight.....			01.17
Average rate per ton per mile, received for local freight.....			11.63
Average rate per ton per mile, received for all freight.....			01.25

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain	4
Animals	4
Other agricultural products	6
Lumber and forest products	3,449
Petroleum	22
Other iron and castings	211
Ores	283,622
Stone, brick and sand	28
Merchandise and other articles not enumerated above	562
Total forwarded	387,909

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain	249	.059
Flour	500	.112
Provisions (beef, pork, lard, etc.)	135	.031
Animals	114	.027
Other agricultural products	1,596	.370
Lumber and forest products	17,759	4.111
Coal	22,002	5.096
Salt	68	.015
Petroleum	244	.059
Railroad iron, iron and steel rails	100	.023
Other iron and castings	488	.102
Ores	283,809	68.899
Stone, brick and sand	186	.044
Manufactures, articles shipped from point of production	577	.134
Merchandise and other articles not enumerated above	2,916	.697
Total tons carried	431,789	100.000

ADDITIONAL QUESTIONS.

Express Companies.

What express companies run on your road, and on what terms and what conditions as to rates, etc.; what kind of business is done by them, and do you take their freights at the depot, or at the office of such express companies?

The Northern Pacific Express Company operates on this line and pays 40 per cent of its gross receipts for transportation. They do a regular express business and handle their own express matter. In some cases station agents act jointly for both companies.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong..... 6.86

There are two wires between state line and Bessemer, one wire operated by the railroad company and one wire by the Western Union Telegraph Co.

STATE OF MINNESOTA, } ss.
COUNTY OF RAMSEY, }

M. P. Martin, auditor, of the Wisconsin Central Lines (Northern Pacific Railroad Company, lessee) operating Gogebic & Montreal River Railroad Company, being duly sworn, deposes and says that he has caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the twenty-sixth day of September, A. D. 1894, to the best of his knowledge and belief.

[L. S. OF E. E.]

Signed,

M. P. MARTIN, Auditor.

Subscribed and sworn to before me this 30th day of March, A. D. 1894.

[L. S.]

JOHN G. DRESSER,
Notary Public, Minnesota.

ANNUAL REPORT
OF THE
GOGEBIC & MONTREAL RIVER RAILROAD COMPANY.

From September 27 to December 31, 1893.

[Filed May 15, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, EDWIN H. ABBOT, Boston, Mass.
Vice President, FREDERICK ABBOT, Milwaukee, Wis.
Secretary and General Solicitor, HOWARD MORRIS, Milwaukee, Wis.
Auditor, WILLIAM SHIMWELL, Milwaukee, Wis.
Treasurer, EDWIN H. ABBOT, Boston, Mass.
General Manager, HENRY F. WHITCOMB, Milwaukee, Wis.
General Superintendent, SUMNER J. COLLINS, Milwaukee, Wis.
Division Superintendents, { F. H. MARSH, Waukesha, Wis.
 { A. R. HORN, Stevens Point, Wis.
Chief Engineer, ROBERT B. TWEEDY, Milwaukee, Wis.
Superintendent of Telegraph, FRED J. HAWN, Milwaukee, Wis.
Cashier and Paymaster, W. R. HANCOCK, Milwaukee, Wis.
General Passenger Agent, JAS. C. POND, Milwaukee, Wis.
General Freight Agent, C. L. WELLINGTON, Milwaukee, Wis.
Attorney, THOS. H. GILL, Milwaukee, Wis.
Receivers, { HENRY F. WHITCOMB, Milwaukee, Wis.
 { HOWARD MORRIS, Milwaukee, Wis.

DIRECTORS.

EDWIN H. ABBOT, Cambridge, Mass.
 FREDERICK ABBOT, Milwaukee, Wis.
 WILLIAM SHIMWELL, Milwaukee, Wis.
 JOHN MARTIN, Milwaukee, Wis.
 HOWARD MORRIS, Milwaukee, Wis.
 Terms expire January 17, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: December 27, 1883.
 Number of stockholders at date of last election: 6.
 Date of annual meeting of stockholders: First Wednesday after the third Tuesday in January in each year.
 Fiscal year of company ends June 30.
 General offices of the company are located at Milwaukee, Wisconsin.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$5,287 89
Total expenses, including taxes.....	\$11,806 85	
Net deficit.....	\$6,018 76	

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:		
Local fares.....	\$579 64	
Total passenger fares.....	\$579 64	
Express and baggage.....	213 63	
Mails.....	80 22	
Other sources.....	76	
Total passenger department earnings.....		\$874 25
Proportion for Michigan.....	\$374 25	
Per train mile.....	27	
Per mile of road.....	63 17	

FREIGHT EARNINGS.

Main line and branches:		
Local traffic.....	\$4,405 64	
Total traffic.....	\$4,405 64	
Other sources, freight department.....	8 00	
Total freight department earnings.....		4,413 64
Proportion for Michigan.....	\$4,413 64	
Per train mile.....	2 19	
Per mile of road.....	\$15 90	
Total transportation earnings.....		\$5,287 13
Transportation earnings per mile of road.....		383 07
Transportation earnings per train mile.....		1 02
Miscellaneous receipts from operating account, other than for transportation, as follows:		
From other sources.....		76
Total.....		\$5,287 89
Total earnings from operation of road.....		\$5,287 89
Total earnings per mile of road.....		383 07
Total earnings per train mile.....		1 02
Proportion of taxable earnings for Michigan.....		5,237 89
Total taxable earnings per mile of road in Michigan.....		383 07
Total income from all sources.....		5,237 89

DESCRIPTION OF ROAD.

	MAIN LINE.	Miles.	Miles.
In Michigan, from Ironwood to Bessemer.....			6.86
	BRANCHES.		
In Michigan, spurs to mines.....			6.98
Total length of branches owned by company in Michigan.....		6.98	
Total length of road belonging to this company in Michigan.....			13.84
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated.....			14.00
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....			27.84
Gauge of track, 4 feet 8½ inches.			

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	3	1,325.4
Combination bridges.....	4	1,575.7
Total.....	7	2,901.1

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

M., L. S. & W. R. R. at Bessemer and Palms mine.
Twin City Street R. R. at Ironwood.

What railroads cross your road either over or under your grade in this State, and where?

Under:
M., L. S. & W. R. R. at Ironwood, Siemens and Bessemer.
D., S. S. & A. R. R. west of Bessemer.

Number of crossings of highways at grade in this State.....	5
Number of crossings of highways at grade in this State at which there are gates or flagmen.....	1
Number of crossings of highways over or under railroad?.....	3
Under.....	

Stations.

Number of stations on whole line.....	2
Same in Michigan.....	2

REPAIRS AND RENEWALS.

*Fencing in Michigan.*How many miles of fencing have you?
5.57 miles.*Roak bed and track.*

Number of track sections in Michigan.....	3
Average length of sections, miles.....	9.33

MILEAGE, TRAFFIC, ETC.

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of through passengers carried.....	1,804		
Number of local passengers carried.....	2,135		
Total number of passengers carried.....	3,939		
Total passenger mileage.....		19,675	
Average distance traveled by each passenger.....		4.9949	
Average amount received from each passenger.....			\$0 14
Average rate of fare per mile for through passengers.....			08
Average rate of fare per mile for local passengers.....			02
Average rate of fare per mile for all passengers.....			03

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried.....	94,985		
Number of tons of local freight carried.....	48		
Total tons of freight carried.....	95,033		
Total mileage of through freight.....		868,077	
Total mileage of local freight.....		802	
Total freight mileage, or tons carried one mile.....		868,379	
Average ton haul for through freight.....		3.875	
Average ton haul for local freight.....		6.300	
Average ton haul for all freight.....		3.576	
Average amount received for each ton haul.....			\$0 04
Average rate per ton per mile, received for through freight.....			61
Average rate per ton per mile, received for local freight.....			16
Average rate per ton per mile, received for all freight.....			01

Freight forwarded at Michigan stations.

	Forwarded, tons.
Grain.....	1
Animals.....	1
Lumber and forest products.....	921
Other iron and castings.....	1
Ores.....	88,537
Merchandise and other articles not enumerated above.....	234
Total forwarded.....	89,796

Tonnage of articles transported.—Entire road.

	Tons.	Per cent.
Grain.....	50	.052
Flour.....	86	.091
Provisions (beef, pork, lard, etc.).....	8	.008
Animals.....	12	.012
Other agricultural products.....	405	.426
Lumber and forest products.....	1,016	1.059
Coal.....	4,170	4.325
Plaster, lime and cement.....	21	.022
Salt.....	12	.012
Petroleum.....	140	.147
Other iron and castings.....	1	.001
Ores.....	88,587	93.219
Merchandise and other articles not enumerated above.....	522	.551
Total tons carried.....	95,083	100.000

STATE OF WISCONSIN, } ss.
COUNTY OF MILWAUKEE, }

Robert Toombs, auditor, of the Gogebic & Montreal River Railroad Company, being duly sworn deposes and says that he has caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1894, to the best of his knowledge and belief.

[L. S. OFF. E.]

Signed,

B. TOOMBS, Auditor.

Subscribed and sworn to before me this 14th day of May, A. D. 1894.

[L. S.]

JNO. MARTIN,
Notary Public Milwaukee Co., Wis.

ANNUAL REPORT
OF THE
GOGEBIC & MONTREAL RIVER RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed May 12, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, EDWIN H. ABBOT, Boston, Mass.
Vice President, FREDERICK ABBOT, Milwaukee, Wis.
Secretary and General Solicitor, HOWARD MORRIS, Milwaukee, Wis.
Treasurer, EDWIN H. ABBOT, Milwaukee, Wis.

DIRECTORS.

EDWIN H. ABBOT, Cambridge, Mass.
FREDERICK ABBOT, Milwaukee, Wis.
WILLIAM SHIMWELL, Milwaukee, Wis.
JOHN MARTIN, Milwaukee, Wis.
HOWARD MORRIS, Milwaukee, Wis.
Terms expire January 17, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: December 27, 1883.
Number of stockholders at date of last election: 6.
Number of stockholders in Michigan at same date: None.
Amount of full paid stock held in Michigan at same date: None.
Date of annual meeting of stockholders: First Wednesday after the third Tuesday in January.
Fiscal year of company ends June 30.
General offices of the company are located at Milwaukee, Wis.

REMARKS.

Road leased for 999 years to the Penokee Railroad Co., Sept. 1, 1886. All rights and interest under said lease assigned by Penokee Railroad Co. to Wisconsin Central Co., May 31, 1888.
Road was operated under lease to Northern Pacific Railroad Co. to September 26, 1893, on which date lease was canceled.

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$200,000 00
Par value of shares	\$100 00	
Number of shares issued	6,000	
Amount paid in on common, by delivery to company of its completed road	\$200,000 00	
Total amount paid in, as per books of the company		600,000 00
Paid in per mile of road owned by company		<u>48,852 60</u>

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
First mortgage bond, Sept. 1, 1886	5%	March 1, 1887	New York, N. Y.	\$380,000 00
Income bond, Sept. 1, 1886, cumulative	5%	" 1, 1887	" " " "	180,000 00
Total funded debt				\$520,000 00

RECAPITULATION.

Total funded debt	\$520,000 00
Total debt liabilities	\$520,000 00
Amount of debt liabilities per mile of road, 18.84 miles	\$7,572 25
Total amount of stock and debt	1,120,000 00
Stock and debt per mile of road	80,924 88

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

The Gogebic & Montreal River Railroad was furnished completed to the company by independent contractors in exchange for all the bonds and stock of the corporation. The company has no data of cost to the contractors.

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
June 6, 1887.

MAIN LINE.

	Miles.	Miles.
Length completed in Michigan	6.86	
Total length completed		6.86

BRANCHES.

Michigan, spurs to mines	6.98	
Total length of branches owned by company in Michigan		6.98
Total length of road belonging to this company in Michigan		13.84
Aggregate length of sidings, spurs and other tracks not above enumerated, in Michigan		14.00
Aggregate length of tracks belonging to this company, computed as single track		27.84
Same in Michigan	27.84	
Gauge of track, 4 feet 8½ inches.		

STATE OF WISCONSIN, }
COUNTY OF MILWAUKEE, } ss.

Frederick Abbot, vice president and Howard Morris, secretary, of the Gogebic & Montreal River Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and have carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

Signed,

[L. S. OF F. R.]

FRED'K ABBOT, *Vice President.*
HOWARD MORRIS, *Secretary.*

Subscribed and sworn to before me this 9th day of May, A. D. 1894.

[L. S.]

FRED'K C. BOGK,
Notary Public, Milwaukee Co., Wis.

DEPOT AND STATION COMPANIES

ANNUAL REPORT
OF THE
DETROIT UNION RAILROAD DEPOT & STATION COMPANY.

For the year ending December 31, 1893.

[Filed April 24, 1894.]

NAMES AND RESIDENCES OF OFFICERS OF THE COMPANY.

*President, JAMES F. JOY, Detroit, Mich.
Vice President, JAMES JOY, Detroit, Mich.
Secretary, JAMES G. MILLER, Detroit, Mich.
Treasurer, JAMES F. JOY, Detroit, Mich.*

ORGANIZATION, ETC.

When chartered or articles of association filed: About June 1, 1881.

Number of stockholders at date of last election.....

Number of stockholders in Michigan, same date.....

Date of annual meeting of stockholders: On first Wednesday in February, each year.

General offices of the company are located at Detroit, Mich.

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11

CAPITAL STOCK.

By whom subscribed.	Residence.	No. of shares.	Amount.
James F. Joy.....	Detroit, Mich.....	1,668 3/4	\$166,667 00
C. H. Buhl.....	" ".....	1,668 3/4	166,667 00
Allan Shelden.....	" ".....	1,668 3/4	166,667 00
James McMillan.....	" ".....	1,250	125,000 00
John S. Newberry.....	" ".....	1,250	125,000 00
B. A. Alger.....	" ".....	833 1/4	83,333 00
M. S. Smith.....	" ".....	833 1/4	83,333 00
G. W. Balch.....	" ".....	833 1/4	83,333 00
Total.....		10,000	\$1,000,000

STOCKHOLDERS, DECEMBER 31, 1893.

Names.	Residence.	Amount held.
James F. Joy.....	Detroit, Mich.....	\$380,000 00
C. H. Buhl.....	" ".....	375,000 00
Allan Shelden.....	" ".....	508,300 00
James McMillan.....	" ".....	281,200 00
Helen H. Newberry, executrix.....	" ".....	56,800 00
Helen H. Newberry, trustee.....	" ".....	41,200 00
Helen H. Newberry.....	" ".....	56,200 00
Helen N. Joy.....	" ".....	22,000 00
Truman H. Newberry.....	" ".....	58,800 00
J. Stoughton Newberry.....	" ".....	56,800 00
James Joy.....	" ".....	112,500 00
Frederic Joy.....	" ".....	112,500 00
Henry B. Joy.....	" ".....	122,500 00
Richard P. Joy.....	" ".....	22,500 00
G. W. Balch.....	New York.....	19,200 00
Caroline Buhl.....	Detroit, Mich.....	10,000 00
Theodore D. Buhl.....	" ".....	10,000 00
Frank H. Buhl.....	Sharon, Pa.....	10,000 00
Total.....		\$2,250,000 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

There is no funded debt. No mortgage or encumbrance of any kind upon this company's property. The bonds issued some years ago have all been retired and there now is only a stock issue for say \$2,250,000 00 outstanding.

UNFUNDED DEBT.

There is no unfunded debt against this company. The land mentioned in this company's report for 1892 has been purchased outright during the present year for \$8,000 and there is no encumbrance of any kind now upon this company's property.

COST.

Of real estate including right of way.....	\$1,831,040 82
Of depot buildings and fixtures.....	62,196 00
Of elevators and belongings.....	808,596 00
Of all other property.....	584,120 00
Total cost.....	\$2,280,951 82

CASH PAID TO CORPORATION.

On account of original capital stock.....	\$1,000,000 00
On account of increase of capital stock.....	1,250,000 00
Total cash paid.....	\$2,250,000 00

TRACK.

Length of single main track, miles.....	3.34
Length of sidings and other tracks, miles.....	3.50
Total track.....	6.84

ANALYSIS OF EARNINGS AND EXPENSES.

EARNINGS.

From rentals.....	\$90,976 80
From all other sources.....	72,567 27
Total earnings.....	\$163,544 07

EXPENSES.

Operating.

Salaries of officers and clerks.....	\$2,500 00
Management and maintenance, labor, fuel, tool accounts, etc.....	20,206 17
Taxes and insurance.....	7,280 15
Miscellaneous.....	2,626 89
Total.....	<u>\$32,613 71</u>

Property account.

For renewals and improvements.....	4,978 10
For other expenses, including right of way.....	9,486 98
Total.....	<u>\$47,272 79</u>

RECAPITULATION.

Expenses for operating and taxes and insurance.....	\$32,613 71
Expenses for property account.....	14,486 08
Total expenses for the year.....	<u>\$47,272 79</u>

ADDITIONAL INTERROGATORIES.

DESCRIPTION AND CHARACTER OF BUILDINGS AND OTHER PROPERTY.

	Number.
Passenger houses brick or stone.....	1
Freight houses, brick.....	1
Grain elevator, brick (with capacity of 1,250,000 bushels).....	1
Sheds, freight.....	<u>1</u>

Water front and docks, feet, about 2,500 feet. Two large car ferry slips to accommodate freight and passenger transfers across the Detroit river.

STREET CROSSINGS, ETC.

At grade.....	19
Frogs and guard rails, are they blocked as required by law?	
Yes.	

CONTRACTS AND LEASES.

What railroad companies have rented terminal privileges from you during the year and on what terms?
 No railroad companies have rented terminal privileges during 1898. The Wabash R. R. Co., the Detroit, Lansing & Northern and the Flint & Pere Marquette R. R. Co., have leased the entire grounds and terminals except the grain elevator. The several leases were made some years ago.

VERIFICATION.

STATE OF MICHIGAN, }
 COUNTY OF WAYNE, } ss.

Hon. James F. Joy, president, and James G. Miller, secretary, of the Detroit Union Railroad Depot & Station Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of the said company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF E. R.]

Signed,

JAMES F. JOY.
 JAMES G. MILLER.

Subscribed and sworn to before me this 11th day of April, A. D. 1894.

HENRY B. JOY,
 Notary Public.

ANNUAL REPORT
OF THE
FORT STREET UNION DEPOT COMPANY.

For the year ending December 31, 1893.

[Filed April 20, 1894.]

NAMES AND RESIDENCES OF OFFICERS OF THE COMPANY.

President, WM. W. CRAPO, New Bedford, Mass.

Vice President, CHAS. M. HEALD, Grand Rapids, Mich.

Secretary and Treasurer, HENRY B. JOY, Detroit, Mich.

ORGANIZATION, ETC.

When chartered or articles of association filed: August 24, 1893.

Number of stockholders at date of last election: 14.

Number of stockholders in Michigan at same date: 8.

Date of annual meeting of stockholders: February 1, 1893.

General offices of the company are located at Detroit, Mich, 216 Hammond Bldg.

ORIGINAL CAPITAL STOCK SUBSCRIBERS.

By whom subscribed.	Residence.	No. of shares.	Amount.
Wm. C. Van Horne	Montreal	1,000	\$100,000 00
O. D. Ashley	New York	1,000	100,000 00
Edw. B. Oaler	Toronto	250	25,000 00
Wm. W. Crapo	New Bedford	750	75,000 00
R. G. Butler	Detroit	250	25,000 00
Louis Pierce	Portland, Me.	250	25,000 00
George Coppell	New York	250	25,000 00
Alfred Stebbins	Boston	625	62,500 00
Frank H. Damon	Boston	625	62,500 00
William L. Webber	Saginaw	10	1,000 00
Total		5,010	\$501,000 00

Capital stock since increased to \$1,000,000.00—all paid up.

STOCKHOLDERS DECEMBER 31, 1893.

Names.	Residence.	Amount held.
Wm. C. Van Horne.....	Montreal.....	\$125,000 00
T. G. Shanghussey.....	".....	92,500 00
Thomas Tait.....	".....	32,500 00
Wm. W. Crapo.....	New Bedford.....	50,000 00
Wm. W. Crapo, trustee.....	".....	199,000 00
Wm. H. Baldwin, Jr.....	Saginaw.....	1,000 00
N. Thayer, C. Merriam and Ew. B. Thayer, trustees will of N. Thayer.....	Boston.....	249,000 00
Chas. M. Heald.....	Grand Rapids.....	1,000 00
James F. Joy.....	Detroit.....	83,800 00
Allan Sheldon.....	".....	56,900 00
Christian H. Buhl.....	".....	45,600 00
H. H. Newberry, executrix.....	".....	31,600 00
Jas. McMillan.....	".....	31,600 00
Chas. M. Hays.....	St. Louis.....	1,000 00
Total.....		\$1,000,000 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Character and date of issue.	Rate of interest.	When due.	Payable when.	Amount outstanding.
First mortgage bonds.....	4½%	1941.....	Jan. 1 and July 1	\$1,000,000 00
Total funded debt.....				\$1,000,000 00

UNFUNDED DEBT.

For real estate and construction:				
Bills payable.....			\$298,694 40	
Accounts payable.....			10,725 00	
				\$309,419 40
Total unfunded debt.....				\$309,419 40

RECAPITULATION.

Total funded debt.....	\$1,000,000 00
Total unfunded debt.....	309,419 40
Total indebtedness.....	\$1,309,419 40
Total stock and debt.....	\$2,309,419 40

COST.

Of real estate, including right of way.....	\$1,227,268 84
Of depot buildings and fixtures, and elevated railroad structure, etc.....	688,921 49
Of all other property.....	422,706 79
Total cost.....	\$2,338,896 12

CASH PAID TO CORPORATION.

On account of original capital stock	\$501,000 00
On account of increase of capital stock	499,000 00
On other accounts, other than for income	
Bonds sold	1,000,000 00
Bills payable account	298,694 40
Total cash paid	<u>\$2,298,694 40</u>

TRACK.

Length of double track, main line, miles	1.41
Length of sidings and other tracks, miles	1.27
Total track	<u>2.68</u>

ANALYSIS OF EARNINGS AND EXPENSES.

EARNINGS.

From rentals	\$109,813 19
Expenses	1,744 61
Insurance	1,600 00
Taxes	1,250 65
Total earnings	<u>\$114,408 45</u>

\$114,408.45 is the amount of earnings from rent paid to this company by lessee railroad company which is all the earnings of the company.

EXPENSES.

Operating.

Salaries of officers and clerks and expense account	\$1,744 61
Taxes and insurance:	
Taxes	\$1,250 65
Insurance	1,600 00
	<u>2,850 65</u>
Total	<u>\$4,595 26</u>

RECAPITULATION.

Expenses for operating and taxes	<u>\$4,595 26</u>
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ADDITIONAL INTERROGATORIES.

DESCRIPTION AND CHARACTER OF BUILDINGS AND OTHER PROPERTY.

	Number.
Passenger houses, brick and stone	1
Freight houses, brick and stone	<u>1</u>

STREET CROSSINGS, ETC.

Over or under grade:

The approach to the depot is by elevated railroad along and over a street for about two-thirds of a mile

Overhead bridges: 1.

Frogs and guard rails, are they blocked as required by law?

Yes.

CONTRACTS AND LEASES.

What railroad companies have rented terminal privileges from you during the year and on what terms?

This company's property is leased to, and will be occupied when completed by, the following four railroads, viz.: Wabash; Canadian Pacific; Detroit, Lansing and Northern, and Flint & Pere Marquette upon the terms that each road shall pay its share of an annual rental sufficient to pay five per cent per annum on the cost of the work.

VERIFICATION.

STATE OF MICHIGAN, }
COUNTY OF WAYNE, } ss.

William W. Crapo, president, and Henry B. Joy, secretary, of The Fort Street Union Depot Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of the said company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1898, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

WM. W. CRAPO, *President.*
HENRY B. JOY, *Secretary.*

Subscribed and sworn to before me this 28th day of March, A. D. 1894.

[L. S.]

JAMES G. MILLER,
Notary Public.

ORE AND FOREST ROADS

ANNUAL REPORT
OF THE
BEAR LAKE & EASTERN RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed February 10, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, G. W. HOPKINS, Bear Lake, Mich.
Secretary, D. H. HOPKINS, Dallas, Ark.
Auditor, G. W. HOPKINS, Bear Lake, Mich.
Treasurer, E. S. HOPKINS, Bear Lake, Mich.
General Manager, G. W. HOPKINS, Bear Lake, Mich.
General Superintendent, C. G. WAREHAM, Bear Lake, Mich.
Chief Engineer, C. G. WAREHAM, Bear Lake, Mich.
Superintendent of Telegraph, G. W. HOPKINS, Bear Lake, Mich.
Cashier, C. C. BURGESS, Bear Lake, Mich.
General Passenger Agent, C. C. BURGESS, Bear Lake, Mich.
General Freight Agent, C. C. BURGESS, Bear Lake, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: January 24, 1882.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 7.
Amount of full paid stock held in Michigan at same date: All of stock.
Date of annual meeting of stockholders: January 31.
Fiscal year of company ends December 31.
General offices of the company are located at Bear Lake, Michigan.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$7,839 86
Total expenses, including taxes.....	\$8,898 29	
Net deficit.....	\$1,058 43	
Balance for the year.....	\$1,058 43	
Balance (profit and loss) last year.....		\$12,188 06
Balance forward to next year.....		\$11,134 63

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$250,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	1,048	
Total amount paid in, as per books of the company.....		\$104,664 00
Paid in per mile of road owned by company, 13 miles.....		5,814 68

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated?	Amount.
For miscellaneous.....	To be paid from net earnings.....	\$9,693 29
Total unfunded debt		\$9,693 29

RECAPITULATION.

Total unfunded debt.....	\$9,693 29
Total debt liabilities.....	\$9,693 29
Amount of debt liabilities per mile of road, 18 miles	538 52
Total amount of stock and debt.....	114,857 29
Stock and debt per mile of road, 18 miles.....	6,853 18

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$95,276 20
Equipment account.....	30,215 72
Total.....	\$125,491 92

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$104,664 00
Unfunded debt	9,693 29
Profit and loss or income accounts	11,134 63
Total.....	\$125,491 92

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$125,491 92
Average cost per mile of road, not including sidings, 18 miles	6,971 77
Proportion of cost for Michigan.....	111

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$1,531 46
Total charges	\$1,531 46

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Total passenger fares	\$42 05
Total passenger department earnings	\$42 05

FREIGHT EARNINGS.

Main line and branches:

Through traffic.....	\$7,797 81	
Total freight department earnings		\$7,797 81
Total transportation earnings.....		\$7,839 86
Transportation earnings per mile of road.....	435 53	
Total earnings from operation of road.....	7,839 86	
Total earnings per mile of road.....	435 53	
Total income from all sources.....	7,839 86	
Proportion of income for Michigan.....	7,539 86	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$3,223 52	
Repairs of bridges, including culverts and cattle guards.....	230 96	
Repairs of fences, road crossings and signs.....	87 19	
Total.....	\$3,539 67	

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$293 22	
Repairs of freight cars.....	1,236 39	
Total.....	\$1,529 61	

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$639 50	
Oil and waste.....	113 34	
Locomotive service.....	2,496 79	
Damages to property and cattle.....	80 00	
Total.....	\$3,330 63	

GENERAL EXPENSES.

Salaries of clerks in general offices.....	}	\$273 82	
Law expenses.....			
Insurance.....			
Stationery and printing.....			
Outside agencies and advertising.....			
Contingencies.....			
Taxes.....		229 56	
Total.....		\$502 38	

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$3,539 67	
Maintenance of motive power and cars.....	1,529 61	
Conducting transportation.....	3,330 63	
General expenses, including taxes.....	502 38	
Total operating expenses and taxes.....	\$8,992 29	
Operating expenses and taxes per mile of road.....	\$494 07	
Total proportion of expenses for Michigan.....	8,992 29	
Percentage of expenses to earnings.....	113%	

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Pierport, Mich., to Maple Grove, Mich., Nov. 1, 1887.

MAIN LINE.

	Miles.
Total length completed.....	18
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	18

Gauge of track, 3 feet.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges.....	8	98
Wooden trestles.....	2	700
Total.....	5	798

Crossings—railroad and highway.

Number of crossings of highways at grade in this State: 12.

Number of crossings of highways over or under railroad: Over 12, under 1.

Stations.

Number of stations on whole line.....	5
Same in Michigan.....	5

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	11
Same in Michigan.....	11
Classify your employees as per following list:	Number.
Engineers.....	2
Firemen.....	2
Laborers.....	4
Shopmen.....	3

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	15
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed.....	21
Total miles required....	21

Road bed and track.

Number of track sections in Michigan.....	1
Average lengths of sections, miles.....	18
Average number of men in each section gang.....	4

Bridges and culverts.

Timber culverts replaced during the year.....	3
---	---

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender.....	1	\$9,500 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	2	
Total.....	3	\$9,500 00
Number of passenger cars—8-wheel, including official cars.....	1	1,000 00
Number of platform cars.....	58	16,215 92
Other cars.....	14	3,500 00
Total.....	63	\$30,215 72

ADDITIONAL QUESTIONS.

Telegraph.

Number of miles of telegraph on your road, and to whom does it belong?

Six miles. Poles to Bear Lake & Eastern R. R. Wire to Western Union Telegraph Co.

STATE OF MICHIGAN, }
COUNTY OF MANISTEE, } ss.

George W. Hopkins, president, and Ella S. Hopkins, treasurer, of the Bear Lake & Eastern Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December A. D. 1893, to the best of their knowledge and belief.

Signed,

GEO. W. HOPKINS, *President.*
ELLA S. HOPKINS, *Treasurer.*

[L. S. OF R. R.]

Subscribed and sworn to before me this 8th day of February, A. D. 1894.

[L. S.]

C. C. BURGESS,
Notary Public.

ANNUAL REPORT
OF THE
CRAWFORD & MANISTEE RIVER RAILWAY COMPANY.

For the year ending December 31, 1893.

[Filed April 24, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, A. E. CARTIER, Ludington, Mich.
Vice President, JAMES DEMPSEY, Manistee, Mich.
Secretary and Auditor, WM. WENTE, Manistee, Mich.
Treasurer, L. T. DEMPSEY, Manistee, Mich.
General Manager and General Superintendent, N. DOWEN, Fletcher, Mich.
General Freight Agent, N. DOWEN, Fletcher, Mich.

DIRECTORS.

JAMES DEMPSEY, Manistee, Mich.
Term expires January 1, 1895.
L. T. DEMPSEY, Manistee, Mich.
Term expires January 1, 1896.
WM. WENTE, Manistee, Mich.
Term expires January 1, 1897.
ALLEN MCKEE, Manistee, Mich.
Term expires January 1, 1898.
A. E. CARTIER, Ludington, Mich.
Term expires January 1, 1899.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: September 28, 1885.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 7.
Amount of full paid stock held in Michigan at same date: \$50,000.00.
Date of annual meeting of stockholders: First Tuesday in December.
Fiscal year of company ends December 31.
General offices of the company are located at Manistee, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$3,784 83
Total expenses, including taxes.....	\$8,445 74	
Net income		\$289 09
Balance applicable to dividends.....		289 09
Dividends declared, 1.69 per cent.....		\$846 11
Balance for the year		289 09
Balance (profit and loss) last year		\$567 02

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$50,000 00
Par value of shares.....	\$100 00	
Amount paid in on common.....	\$50,000 00	
Total amount paid in, as per books of the company.....		\$50,000 00
Paid in per mile of road owned by company.....		5,000 00

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock.....	\$50,000 00
Stock per mile of road, 10 miles.....	5,000 00

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$45,566 58
Equipment account.....	11,618 18
Total.....	\$57,184 76

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$50,000 00
Profit and loss or income accounts.....	7,184 76
Total.....	\$57,184 76

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$57,184 76
Average cost per mile of road, not including sidings, 10 miles.....	5,718 47
Proportion of cost for Michigan: All,	

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:		
Through traffic.....	\$8,784 83	
Total traffic.....	\$8,784 83	
Total freight department earnings.....		\$8,784 83
Proportion for Michigan.....	\$8,784 83	
Per train mile.....	75	
Per mile of road.....	873 48	
Total transportation earnings.....		\$8,784 83
Transportation earnings per mile of road.....	\$873 48	
Transportation earnings per train mile.....	75	
Total earnings from operation of road.....	8,784 83	
Total earnings per mile of road.....	873 48	
Total earnings per train mile, 11,650.....	75	
Proportion of taxable earnings for Michigan.....	8,784 83	
Total taxable earnings per mile of road in Michigan.....	873 48	
Total income from all sources.....	8,784 83	

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$1,013 44
Renewals of rails.....	3,277 68
Renewals of ties.....	
Total.....	\$4,290 07

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	} Repair train.....	\$1,462 88
Repairs of freight cars.....		
Total.....		<u>\$1,462 88</u>

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	}	\$315 64
Water supply.....		
Oil and waste.....		
Freight train service.....		194 48
Total.....		<u>1,733 08</u>
		<u>\$2,443 80</u>

GENERAL EXPENSES.

Taxes.....	<u>\$148 99</u>
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RECAPITULATION OF EXPENSES.

	Per cent of expenses.	
Maintenance of way and buildings.....	51.90	\$4,390 07
Maintenance of motive power and cars.....	17.85	1,462 88
Conducting transportation.....	28.06	2,448 80
General expenses, including taxes.....	1.78	148 99
Total operating expenses and taxes.....	100.00	<u>\$8,448 74</u>
Operating expenses and taxes per miles of road.....		\$844 87
Total proportion of expenses for Michigan.....		8,448 74
Percentage of expenses to earnings.....	96.7	
Net earnings per mile of road.....		28 91
Net earnings per train mile.....	\$0 02.48	

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.
In Michigan, from Manistee river to forest terminus.....	10
Total length of branches owned by company.....	<u>3</u>
Total length of road belonging to this company.....	13
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	<u>13</u>
Gauge of track, 3 feet.	

Crossings—railroad and highway.

Number of crossings of highways at grade in this State.....	3
Number of crossings of highways over or under railroad, over.....	<u>3</u>

Stations.

Number of stations on whole line.....	2
Same in Michigan.....	<u>2</u>

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	31
Same in Michigan.....	<u>31</u>

Classify your employ  es as per following list:

Number.

Brakemen.....	1
Engineers.....	1
Firemen.....	1
Laborers.....	26
Yardmen.....	<u>2</u>

REPAIRS AND RENEWALS.

Road bed and track.

Number of track sections in Michigan	1
Average number of men in each section gang	6
Number of new ties put in whole line during the year	5,200
Number of new ties put in track in Michigan	5,200
Average number of new ties per mile of road	520

ROLLING STOCK.

	Number.	Present esti- mated value.
Number of locomotives of 10 to 20 tons weight, exclusive of tender	1	\$4,000 00
Number of platform cars	34	5,100 00
Other cars as follows:		
Hand cars	2	50 00
Total	86	\$5,150 00

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by freight trains during the year	11,630
Total mileage of trains earning revenue	11,630

Freight forwarded at Michigan stations.

	Forwarded, tons.
Lumber and forest products	35,319

STATE OF MICHIGAN. } ss.
COUNTY OF MANISTEE, }

James Dempsey, vice president, and Wm. Wentz, secretary, of the Crawford & Manistee River Railway Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

JAMES DEMPSEY, Vice President.
WM. WENTZ, Secretary.

Subscribed and sworn to before me this 14th day of April, A. D. 1894.

[L. S.]

JAMES W. DEMPSEY,
Notary Public, Manistee Co.

ANNUAL REPORT
OF THE
DEAD RIVER RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 21, 1894.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, WILLIAM KNIGHT, Marquette, Mich.
Secretary, W. A. BROWN, Marquette, Mich.
Treasurer, B. K. HAWLEY, Cleveland, O.

DIRECTORS.

R. K. HAWLEY, Cleveland, O.
WILLIAM KNIGHT, Marquette, Mich.
JAMES BRAHANAY, Marquette, Mich.
DANIEL H. BALL, Marquette, Mich.
GEO. P. CUMMINGS, Marquette, Mich.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: November 11, 1889.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 5.
Amount of full paid stock held in Michigan at same date: Not any.
Date of annual meeting of stockholders: No arrangement for annual meetings.
Fiscal year of company ends: December 31.
General offices of the company are located at Marquette, Mich.

REMARKS.

The road is operated by the Duluth, South Shore & Atlantic Railway Co. under a contract with E. K. Hawley and T. H. McGraw, wherein said Duluth, South Shore & Atlantic R'y Co. agree to haul certain logs belonging to said Hawley & McGraw for a stated price per thousand feet.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$98,445 89
Total expenses, including taxes.....	\$98,445 89	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$25,000 00
Par value of shares		
Number of shares issued	None.	\$100 00
Amount paid in on preferred	5% of 200	\$1,000 00
	Cost of construction paid in full	51,010 96
Amount paid in on shares not issued	5% of 200	
Total amount paid in, as per books of the company		\$52,010 96
Paid in per mile of road owned by company		17,453 34

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt, stock authorized.....	\$25,000 00
Stock and debt per mile of road.....	8,889 26

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction.....	\$51,010 96
Average cost of construction per mile of road, not including sidings, 2.98 miles.....	17,117 77
Proportion of cost of construction for Michigan.....	All

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
August 11, 1890.

MAIN LINE.		Miles.	Miles.
Length completed in Michigan.....		2.98	
Total length completed.....			2.98
Total length of road belonging to this company.....			2.98
Total length of road belonging to this company in Michigan.....	2.98		
Aggregate length of sidings, spurs and other tracks not above enumerated.....			.17
Same in Michigan.....	.17		
Aggregate length of tracks belonging to this company, computed as single track.....			3.15
Same in Michigan.....	3.15		
Gauge of track, 4 feet 8½ inches.			

STATE OF MICHIGAN, } ss.
COUNTY OF MARQUETTE, }

William Knight, president, and W. A. Brown, secretary of the Dead River Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the stock, debt and other matters as therein contained of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. R.]

Signed,

WILLIAM KNIGHT, President.
W. A. BROWN, Secretary.

Subscribed and sworn to before me this 19th day of March, A. D. 1894.

[L. S.]

MERWIN E. ASTEE,
Notary Public.

ANNUAL REPORT
OF THE
HECLA & TORCH LAKE RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 23, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, ALEX. AGASSIZ, Boston, Mass.
Secretary, JAMES N. COX, Calumet, Mich.
Treasurer, JAMES N. COX, Calumet, Mich.
General Manager, S. B. WHITING, Calumet, Mich.
General Superintendent, W. A. CHILDS, Calumet, Mich.
Assistant General Superintendent, CHRIS. BURCH, Calumet, Mich.
Chief Engineer, P. C. F. WEST, Calumet, Mich.
Cashier, F. S. EATON, Calumet, Mich.

DIRECTORS.

ALEX. AGASSIZ, Cambridge, Mass.
 Q. A. SHAW, West Roxbury, Mass.
 S. B. WHITING, Cambridge, Mass.
 JOHN DUNCAN, Calumet, Mich.
 W. A. CHILDS, Calumet, Mich.
 Terms expire June, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: 1887.
 Number of stockholders at date of last election: 6.
 Number of stockholders in Michigan at same date: 2.
 Amount of full paid stock held in Michigan at same date: \$200.00.
 Date of annual meeting of stockholders: Third Wednesday in June.
 Fiscal year of company ends April 30.
 General offices of the company are located at Calumet, Mich.

REMARKS.

The road is operated and wholly owned by the Calumet & Hecla Mining Co., which pays any deficit which may occur, for the privilege of having its rock transported free.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$98,445 89
Total expenses, including taxes.....	\$98,445 89	

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$150,000 00
Par value of shares.....	\$100 00	
Number of shares issued.....	1,000	
Total amount paid in, as per books of the company.....		\$100,000 00
Paid in per mile of road owned by company.....		13,333 33

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For construction	\$416,501 82
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RECAPITULATION.

Total unfunded debt.....	\$416,501 82
Total debt liabilities.....	\$416,501 82
Amount of debt liabilities per mile of road, 7½ miles.....	55,535 06
Total amount of stock and debt.....	\$16,501 82
Stock and debt per mile of road, 7½ miles.....	68,860 10

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$516,501 32
Total.....	\$516,501 32

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$100,000 00
Unfunded debt.....	416,501 82
Total.....	\$516,501 32

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$516,501 32
Average cost per mile of road, not including sidings, 7½ miles.....	68,860 10
Proportion of cost for Michigan.....	All

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:	
Local traffic.....	\$98,445 89
Total transportation earnings.....	\$98,445 89
Total earnings from operation of road.....	98,445 89
Proportion of taxable earnings for Michigan.....	98,445 89
Total income from all sources.....	98,445 89

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$17,898 04
Renewals of rails.....	1,500 00
Renewals of ties.....	1,500 00
Signal power.....	363 56
Total.....	\$21,061 60

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	} Not kept separate.
Repairs of passenger cars	
Repairs of freight cars	

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$14,255 28
Freight train service	49,597 44
Freight train supplies	10,489 10
Total	<u>\$74,291 82</u>

GENERAL EXPENSES.

Taxes	\$3,092 47
Total	<u>\$3,092 47</u>

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings	\$21,061 60
Conducting transportation	74,291 82
General expenses, including taxes	3,092 47
Total operating expenses and taxes	<u>\$98,445 89</u>

DESCRIPTION OF ROAD.

MAIN LINE.

	Miles.	Miles.
In Michigan, from Calumet to Lake Linden	6.00	
Total length completed		6.00

BRANCHES.

From Hecla to South Hecla	1.00	
From Hecla to Calumet .....	.50	
Total length of branches owned by company		1.50
Total length of branches owned by company in Michigan	1.50	
Total length of road belonging to this company		7.50
Total length of road belonging to this company in Michigan	7.50	
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	7.14	
Aggregate length of tracks in Michigan belonging to this company, computed as single track		14.64

Gauge of track, 4 feet 1 inch.

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden trestles	5	1,500
Total	<u>5</u>	<u>1,500</u>

Crossings—Railroad and highway.

What railroads cross your road at grade in this State, and at what locality?
 Mineral Range at Calumet,
 Hancock and Calumet at Calumet.

At what crossings are interlocking and derailing switches in operation?
 Mineral Range.

Are your frogs and guard rails blocked as required by act 174, Session Laws 1884?
 Yes.

How are they treated?
 Iron choke pieces.

Employees.

Number of persons regularly employed on all roads operated by company, including officials	155
Same in Michigan	155

Classify your employees as per following list:

	Number.
Brakemen	14
Conductors	4
Engineers	6
Firemen	6
Laborers	80
Shopmen	8
Yardmen	8
Others	9

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you?	15
-------------------------------------	----

Road bed and track.

Number of track sections in Michigan	3
Average lengths of sections (miles)	6

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	8	\$72,200 00
Number of locomotives of 20 to 30 tons weight, exclusive of tender	1	7,600 00
Total	9	\$79,800 00
Number of passenger cars—8-wheel, including official cars	1	475 00
Number of box freight cars	4	950 00
Number of coal cars	30	6,900 00
Number of platform cars	45	9,975 00
Number of ore cars	268	81,900 00
Number of conductors' way cars	2	685 00
Other cars as follows, snow plows	4	8,450 00
Total	453	\$109,315 00

Are your freight cars being equipped with automatic couplers as required by act No. 147, Session Laws of 1885?

No. Always had safety couplers.

What pattern or patterns have you adopted for use?

Childs. Cars couple after dead woods meet. No danger to trainmen in making or unmaking trains.

MILEAGE, TRAFFIC, ETC.

Train mileage.

Miles run by passenger trains during the year	None
Miles run by freight trains during the year	46,724

Freight traffic.

	Tons.	Miles.
Number of tons of local freight carried	1,208,134	
Total tons of freight carried	1,208,134	
Total mileage of local freight		46,724
Total freight mileage, or tons carried one mile		13,294,630

1893.]

HECLA & TORCH LAKE RAILROAD COMPANY.

447

Tonnage of articles transported—entire road.

	Tons.
Lumber and forest products	38,000
Coal	45,108
Plaster, lime and cement	1,278
Pig and bloom iron, mineral	51,898
Ores, copper rock	1,055,200
Stone, brick and sand	5,775
Merchandise and other articles not enumerated above	5,775
Total tons carried	1,208,134

STATE OF MICHIGAN, } ss.
COUNTY OF HOUGHTON, }

Will A. Childs, superintendent, and James N. Cox, secretary, of the Hecla & Torch Lake Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

WILL A. CHILDS, Sup't.
JAMES N. COX, Secretary.

Subscribed and sworn to before me this 24th day of March, A. D. 1894.

[L. S.]

L. W. KILLMAR,
Notary Public.

ANNUAL REPORT

OF THE

LAKE COUNTY RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed April 25, 1899.]

OFFICERS OF THE COMPANY, WITH LOCATION OF OFFICES.

President, THOS. R. LYON, Ludington, Mich.
Vice President, LUCIUS K. BAKER, Ludington, Mich.
Auditor, JOHN S. WOODRUFF, Ludington, Mich.
Treasurer, MAC H. COBURN, Ludington, Mich.
General Manager, THOS. R. LYON, Ludington, Mich.
General Superintendent, EDWIN GOODRICH, Ludington, Mich.
Chief Engineer, PETER DOW, Ludington, Mich.

DIRECTORS.

THOS. R. LYON, Ludington, Mich.
 JNO. B. LYON, No. 12 Sherman St., Chicago, Ill.
 JNO. S. WOODRUFF, Ludington, Mich.
 LUCIUS K. BAKER, Ludington, Mich.
 M. A. NEILAN, San Bernardino, Cal.
 Original directors. No election since.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: Entered July 12, 1890; filed September 8, 1890.
 Number of stockholders at date of last election: Seven original subscribers.
 Number of stockholders in Michigan at same date: 6.
 Amount of full paid stock held in Michigan at same date: No certificates of stock issued.
 Date of annual meeting of stockholders: September 1.
 Fiscal year of company ends March 1.
 General offices of the company are located at Ludington, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$5,385 56
Total expense, including taxes	\$5,385 56	
Balance (profit and loss) last year		\$0,117 00
Balance forward to next year		\$0,117 00

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$300,000 00
Par value of shares	\$100 00	
Number of shares issued	None issued.	
Amount paid in on preferred shares not issued	\$65,883 00	
Total amount paid in, as per books of the company		\$65,883 00
Paid in per mile of road owned by company, 11 miles		5,984 83

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt.....	\$35,883 00
Stock and debt per mile of road, 11 miles.....	5,984 82

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$54,500 00
Equipment account.....	20,500 00
Total.....	\$75,000 00

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$35,883 00
Profit and loss or income accounts.....	9,117 00
Total.....	\$75,000 00

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$75,000 00
Average cost per mile of road, not including sidings, 11 miles.....	6,818 18
Proportion of cost for Michigan.....	6,818 18

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:	Through traffic.
10,771,123 feet of logs hauled to the F. & P. M. track @ 50c per M.....	\$5,385 56
Total freight department earnings.....	\$5,385 56
Total transportation earnings.....	\$5,385 56
Proportion of taxable earnings for Michigan.....	5,385 56
Proportion of income for Michigan.....	5,385 56

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	}	\$100 00
Renewals of rails.....		
Renewals of ties.....		
Repairs of bridges, including culverts and cattle guards.....		
Repairs of fences, road crossings and signs.....		
Repairs of buildings.....		
Total.....		\$100 00

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	}	\$225 00
Repairs of passenger cars.....		
Repairs of freight cars.....		
* Total.....		\$225 00

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	
Water supply.....	
Oil and waste.....	
Locomotive service.....	
Passenger train service.....	
Passenger train supplies.....	
Mileage of passenger cars.....	
Freight train service.....	
Freight train supplies.....	
Mileage of freight cars.....	
Telegraph expenses (maintenance and operating).....	
Damage and loss of freight and baggage.....	
Damages to property and cattle.....	
Personal injuries.....	
Agents and station service.....	
Station supplies.....	
Total.....	\$8,970 56

GENERAL EXPENSES.

Salaries of the general officers of the company.....	
Salaries of clerks in the general offices.....	
Law expenses.....	
Insurance.....	
Stationery and printing.....	
Outside agencies and advertising.....	
Contingencies.....	
Taxes.....	
Total.....	\$1,090 00

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings.....	\$100 00
Maintenance of motive power and cars.....	235 00
Conducting transportation.....	8,970 56
General expenses, including taxes.....	1,090 00
Total operating expenses and taxes.....	\$5,395 56
Total proportion of expenses for Michigan.....	All

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From a point in Elk township, Lake county, Mich., to the F. & P. M. R. R. in Lake county, on section 20, town 18 north, range 14 west, August 20, 1880.

MAIN LINE.

In Michigan.....	Miles.
Total length of road belonging to this company.....	11
Gauge of track, 4 feet 8½ inches.	

Number of bridges and trestles in Michigan.

Wooden bridges, about 350 and 300 feet.....	Number.	Aggregate length, feet.
	2	650

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Manistee & Grand Rapids R. R., on section 17, town 19 north, range 14 west, Elk township.

Danaher & Melendy Co.'s R. R., on section 29, town 19 north, range 14 west, Elk township.

Discontinued the crossing over F. & P. M. R. R.

Are your frogs and guard rails blocked as required by act 174, session laws 1884?

Yes.

Stations.

Number of stations on whole line.....	3
Same in Michigan.....	3

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	21
Same in Michigan.....	21

Classify your employees as per following list:

Number.

Brakemen.....	2
Engineers.....	2
Firemen.....	2
Laborers.....	6
Shopmen.....	1
Yardmen.....	2
Others.....	6
Total.....	21

REPAIRS AND RENEWALS.

Road bed and track.

Number of track sections in Michigan.....	1
Average lengths of sections, miles.....	11
Average number of men in each section gang.....	5

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 20 to 30 tons weight, exclusive of tender.....	3	\$12,000 00
Total.....	3	\$12,000 00
Other cars as follows: Logging cars, not in use.....	24	\$2,500 00
Total.....	24	\$2,500 00

Number of freight cars equipped with power brakes:

Used F. & P. M. cars in 1893.

MILEAGE, TRAFFIC, ETC.

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Lumber and forest products (logs).....	32,313	100.00

STATE OF MICHIGAN, } ss.
COUNTY OF MASON, }

John S. Woodruff and Lucius K. Baker, of the Lake County Railroad Company, being duly sworn depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R. E.]

Signed,

JOHN S. WOODRUFF.
LUCIUS K. BAKER.

Subscribed and sworn to before me this 23d day of April, A. D. 1894.

[L. S.]

WILLIAM FAY,
Notary Public, Mason County, Mich.

ANNUAL REPORT.
OF THE
MANISTEE & LUTHER RAILROAD COMPANY.

For the year ending December 31, 1898.

[Filed March 13, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, B. G. PETERS, Eastlake, Mich.
Vice President, L. H. WITHEY, Grand Rapids, Mich.
Secretary, H. W. CAREY, Eastlake, Mich.
Treasurer, H. W. CAREY, Eastlake, Mich.
General Manager, B. G. PETERS, Eastlake, Mich.
Assistant General Manager, H. W. CAREY, Eastlake, Mich.
General Passenger and Freight Agent, R. B. GILLETTE, Eastlake, Mich.
Attorney, A. J. DOVEL, Manistee, Mich.

DIRECTORS.

B. G. PETERS, Eastlake, Mich.
L. H. WITHEY, Grand Rapids, Mich.
H. W. CAREY, Eastlake, Mich.
A. J. DOVEL, Manistee, Mich.
G. M. BURE, Manistee, Mich.
Terms expire April 4, 1898.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: March 26, 1898.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 7.
Amount of full paid stock held in Michigan at same date: \$300,000.00.
Date of annual meeting of stockholders: First Tuesday in April.
Fiscal year of company ends December 31.
General offices of the company are located at Eastlake, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$71,412 06
Total expenses, including taxes.....	\$65,781 73	
Net income.....		\$5,630 33
Interest on unfunded debt.....	\$350 00	
Rentals of buildings, tracks, etc.....	2,000 00	
		3,350 00
Balance for the year.....		\$3,280 33
Balance (profit and loss) last year.....		52,040 34
Balance forward to next year.....		\$55,320 67

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$400,000 00
Par value of shares	\$100 00	
Number of shares issued	4,000	
Amount paid in on common	\$300,000 00	
Total amount paid in, as per books of the company		300,000 00
Paid in per mile of road owned by company, 63 miles		\$47,819 05

ANALYSIS OF DEBT ACCOUNTS.

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For miscellaneous	Earnings	\$2,629 96
Total unfunded debt		\$2,629 96

RECAPITULATION.

Total unfunded debt	\$2,629 96
Total debt liabilities	\$2,629 96
Amount of debt liabilities per mile of road, 63 miles	\$41 74.5
Total amount of stock and debt	302,629 96
Stock and debt per mile of road, 63 miles	4,803 65

GENERAL BALANCE SHEET.—Dr.

Construction account	\$284,254 19
Equipment account	70,912 67
Cash items:	\$355,166 86
Cash	340 63
Other assets:	
Materials and supplies	\$1,481 19
Debit balances from companies and individuals	961 95
Total	2,443 14
Total	\$357,950 63

GENERAL BALANCE SHEET.—Cr.

Capital stock	\$300,000 00
Unfunded debt:	
Vouchers and accounts	2,629 96
Profit and loss or income account	55,320 67
Total	\$357,950 63

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment	\$355,166 86
Average cost per mile of road, not including sidings, 63 miles	5,637 56
Proportion of cost for Michigan: All.	

Purchased by present company.

When purchased: Constructed and equipped by present company.	
Original cost to present company, of road and equipment	\$355,166 86
Amount expended since purchase, account of construction	284,254 19
Amount expended since purchase, account of equipment	70,912 67
Total cost to date of report	\$355,166 86
Average cost per mile of road, not including sidings, 63 miles	5,637 56
Proportion of cost for Michigan: All.	

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$20 00
Machinery and tools.....	116 65
Total.....	\$136 65
Total charges to property account as above.....	136 65
Net addition to property account.....	136 65

ANALYSIS OF EARNINGS.

PASSENGER EARNINGS.

Main line and branches:	
Total passenger department earnings.....	\$356 95

FREIGHT EARNINGS.

Main line and branches:	
Total traffic.....	71,412 06
Proportion for Michigan: All.	
Per mile of road.....	\$1,133 52
Total transportation earnings.....	\$71,412 06
Transportation earnings per mile of road.....	1,133 52
Total earnings from operation of road.....	71,412 06
Total earnings per mile of road.....	1,133 52
Proportion of taxable earnings for Michigan.....	71,412 06
Total taxable earnings per mile of road in Michigan.....	1,133 52
Total income from all sources.....	71,412 06
Proportion of income for Michigan.....	71,412 06

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track.....	\$12,014 35
Renewals of ties.....	4,367 35
Repairs of bridges, including culverts and cattle guards.....	6 20
Repairs of fences, road crossings and signs.....	35 16
Repairs of buildings.....	185 96
Total.....	\$16,599 02

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives.....	\$11,063 24
Repairs of freight cars.....	7,425 01
Total.....	\$18,488 25

CONDUCTING TRANSPORTATION.

Fuel for locomotives.....	\$11,133 95
Water supply.....	51 17
Oil and waste.....	1,307 15
Locomotive service.....	5,144 42
Freight train service.....	4,723 29
Freight train supplies.....	98 53
Telegraph expenses (maintenance and operating).....	324 94
Damages to property and cattle.....	127 75
Agents and station service, dump.....	3,231 17
Total.....	\$26,172 37

GENERAL EXPENSES.

Salaries of the general officers of the company.....	\$1,000 00
Salaries of clerks in general offices.....	1,000 00
Insurance.....	164 40
Stationery and printing.....	115 75
Taxes.....	2,381 94
Total.....	\$4,562 09

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings	\$16,559 02
Maintenance of motive power and cars	18,488 25
Conducting transportation	26,173 37
General expenses, including taxes	4,563 09
Total operating expenses and taxes	\$65,781 73
Operating expenses and taxes per mile of road	\$1,044 15
Total proportion of expenses for Michigan	65,781 73
Percentage of expenses to earnings	92.115%
Net earnings per mile of road	89 37

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:
From Eastlake, Mich., to section 21, 18-12, June, 1886.

MAIN LINE.		Miles.	Miles.
In Michigan, from Eastlake to section 21, 18-12			45
BRANCHES.			
From section 2, 19-13 to section 18, 20-18	7		
From section 11, 19-13 to section 15, 20-13	8		
From section 23, 20-15 to section 27, 20-15	8		
Total length of branches owned by company			18
Total length of branches owned by company in Michigan	18		
Total length of road belonging to this company			63
Total length of road belonging to this company in Michigan	63		
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated	1		
Aggregate length of tracks in Michigan belonging to this company, computed as single track			64
Gauge of track, 8 feet.			

Number of bridges and trestles in Michigan.

	Number.	Aggregate length, feet.
Wooden bridges	3	150
Wooden trestles	1	60
Total	4	210

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

F. & P. M. R. R. at lot 1, section 7, 20-16, Eastlake, Mich.

G. R. & I. R. R. at section 15, 19-12, Careyville, Mich.

C. & W. M. R. R. at section 8, 19-13, Peters, Mich.

At what crossings are interlocking and derailing switches in operation?

F. & P. M. R. R.

C. & W. M. R. R.

What pattern or patterns have you adopted?

Second class interlocker.

Number of crossings of highways at grade in this State

8

Are your frogs and guard rails blocked as required by act 174, session laws 1884:

Yes.

Stations.

Number of stations on whole line	8
Same in Michigan	6

Employés.

Number of persons regularly employed on all roads operated by company, including officials	177
Same in Michigan	177

Classify your employés as per following list:

Number.

Brakemen	8
Conductors	4
Engineers	7
Firemen	7
Laborers	91
Shopmen	9
Yardmen	12
Others	39

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you	1
Give the number of miles required to complete fence both sides of your track in Michigan, and the counties in which needed	62

Road bed and track.

Number of track sections in Michigan	5
Average lengths of sections (miles)	10
Average number of men in each section gang	8
Number of new ties put in whole line during the year	46,365
Number of new ties put in track in Michigan	46,365
Average number of new ties per mile of road	743

ROLLING STOCK.

Number.

Number of locomotives of more than 30 tons weight, exclusive of tender	3
Number of locomotives of 10 to 29 tons weight, exclusive of tender	3

Total	6
-------	---

Number of passenger cars—8-wheel including official cars	1
Number of box freight cars	2
Number of platform cars	15
Number of conductors' way cars	5
Other cars as follows:	
Log cars	236

Total	259
-------	-----

Number of locomotives equipped with power brakes	2
--	---

Are your freight cars being equipped with automatic couplers as required by Act No. 147, Session Laws of 1887?
 Regular logging car coupling.

MILEAGE, TRAFFIC, ETC.

Passenger traffic.

	Numbers.	Miles.	Rate.
Number of local passengers carried	476		
Total number of passengers carried	476		
Total passenger mileage		11,900	
Average distance traveled by each passenger		25	
Average amount received from each passenger			\$0 75
Average rate of fare per mile for local passengers			03
Average rate of fare per mile for all passengers			03

<i>Freight traffic.</i>			
	Tons.	Miles.	Rate.
Number of tons of local freight carried	72,000		
Total tons of freight carried	72,000		
Average ton haul for local freight		99	
Average ton haul for all freight		99	
Average amount received for each ton haul			\$0 99

<i>Freight forwarded at Michigan stations.</i>		Forwarded, tons.
Lumber and forest products		69,500
Merchandise and other articles not enumerated above		2,500
Total forwarded		72,000

ADDITIONAL QUESTIONS.

Telephone.

Number of miles of telephone on your road, and to whom does it belong?

Thirty-five miles. Belongs to this company.

STATE OF MICHIGAN, }
COUNTY OF MANISTEE, } ss.

Richard G. Peters, president, and Henry W. Carey, secretary, of the Manistee & Luther Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of this company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF R.]

Signed,

RICHARD G. PETERS, *President.*
HENRY W. CAREY, *Secretary.*

Subscribed and sworn to before me this 3d day of March, A. D. 1894.

[L. S.]

RAYMOND B. GILLETTE,
Notary Public.

ANNUAL REPORT
OF THE
NORTH BRANCH & SAUBLE RIVER RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed February 14, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, C. D. DANAHER, Ludington, Mich.
Vice President, M. B. DANAHER, Ludington, Mich.
Secretary, JAS. E. DANAHER, Ludington, Mich.
General Manager, C. D. DANAHER, Ludington, Mich.
Attorney, M. B. DANAHER, Ludington, Mich.

DIRECTORS.

C. D. DANAHER, Ludington, Mich.
M. B. DANAHER, Ludington, Mich.
JAS. E. DANAHER, Ludington, Mich.
M. A. DANAHER, Ludington, Mich.
Terms expire July 11, 1894.

STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 8, 1883.
Number of stockholders at date of last election: 7.
Number of stockholders in Michigan at same date: 7.
Amount of full paid stock held in Michigan at same date: \$20,000.00.
Date of annual meeting of stockholders: July 11.
Fiscal year of company ends December 31.
General offices of the company are located at Ludington, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income.....		\$9,070 80
Total expenses, including taxes	\$3,872 71	
Net income.....		\$5,198 09
Balance applicable to dividends		\$5,198 09
Balance for the year		\$5,198 09
Balance (profit and loss) last year		26,593 50
Balance forward to next year		\$31,091 59

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association.....		\$50,000 00
Par value of shares.....	\$100 00	
Amount paid in on common.....		\$20,000 00
Total amount paid in as per books of the company		\$20,000 00
Paid in per mile of road owned by company, 10 miles.....		2,000 00

ANALYSIS OF DEBT ACCOUNTS.

RECAPITULATION.

Total amount of stock and debt.....	\$20,000 00
Stock and debt per mile of road, 10 miles.....	2,000 00

GENERAL BALANCE SHEET.—Dr.

Construction account.....	\$48,448 83
Debit balances from companies and individuals.....	2,848 87
Total.....	\$51,091 89

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$20,000 00
Profit and loss or income accounts	31,091 89
Total.....	\$51,091 89

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$54,887 83
Average cost per mile of road, not including sidings, 10 miles.....	5,488 78
Proportion of cost for Michigan.....	All

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:

Local traffic.....	\$9,070 80
Total freight department earnings	\$9,070 80
Per mile of road.....	907 08
Total transportation earnings.....	9,070 80
Transportation earnings per mile of road.....	907 08
Total earnings from operation of road.....	9,070 80
Total earnings per mile of road.....	907 08
Proportion of taxable earnings for Michigan.....	9,070 80
Total taxable earnings per mile of road in Michigan.....	907 08
Total income from all sources.....	9,070 80

RECAPITULATION OF EXPENSES.

General expenses, including taxes.....	\$3,872 71
Total operating expenses and taxes.....	\$3,872 71
Operating expenses and taxes per mile of road.....	\$387 27
Total proportion of expenses for Michigan.....	3,872 71
Percentage of expenses to earnings.....	42½
Net earnings per mile of road.....	519 81

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From section 21, town 18 north, range 15 west to section 8, town 19 north, range 15 west.

MAIN LINE.

	Miles.
In Michigan, from section 21, 18, 15 to section 8, 19, 15.....	10
Aggregate length in Michigan of sidings, spurs and other tracks not above enumerated	7
Aggregate length of tracks in Michigan belonging to this company, computed as single track	17

Gauge of track, 3 feet.

Employees.

Number of persons regularly employed on all roads operated by company, including officials	12
Same in Michigan	12

Classify your employes as per following list:

	Number.
Engineers	1
Firemen	1
Laborers	4
Shopmen	1
Others	4

REPAIRS AND RENEWALS.

Road bed and track.

Number of track sections in Michigan	1
Average lengths of sections, miles	10

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of 10 to 20 tons weight, exclusive of tender	2	\$7,000 00
Total	2	\$7,000 00
Number of platform cars		50

MILEAGE, TRAFFIC, ETC.

Freight forwarded at Michigan stations.

Lumber and forest products: Eighteen million feet of logs.

Tonnage of articles transported.—Entire road.

Lumber and forest products: Eighteen million feet of logs.

STATE OF MICHIGAN, }
COUNTY OF MASON, } ss.

C. D. Danaher, president, and Jas. E. Danaher, secretary, of the North Branch & Sauble River Railroad Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of their knowledge and belief.

[L. S. OF E. E.]

Signed,

C. D. DANAHER, *President.*

JAS. E. DANAHER, *Secretary and Treasurer.*

Subscribed and sworn to before me this 8th day of February, A. D. 1894.

[L. S.]

J. D. HARRINGTON,
Notary Public, Mason Co.

ANNUAL REPORT

OF THE

QUINCY & TORCH LAKE RAILROAD COMPANY.

For the year ending December 31, 1893.

[Filed March 31, 1894.]

OFFICERS OF THE COMPANY WITH LOCATION OF OFFICES.

President, THOS. F. MASON, New York, N. Y.
Vice President, S. B. HARRIS, Hancock, Mich.
Secretary, Auditor and Treasurer, EDWARD D. JOHNSON, Hancock, Mich.
General Manager and General Superintendent, SAMUEL B. HARRIS, Hancock, Mich.
Chief Engineer, JNO. L. HARRIS, Hancock, Mich.
Attorney, T. B. DUNSTAN, Hancock, Mich.

DIRECTORS.

THOS. F. MASON, New York, N. Y.
 S. B. HARRIS, Hancock, Mich.
 JAMES ROSS, Hancock, Mich.
 THOS. WHITTLE, Hancock, Mich.
 GEO. S. NORTH, Hancock, Mich.
 E. D. JOHNSON, Hancock, Mich.
 T. B. DUNSTAN, Hancock, Mich.

- STOCKHOLDERS, STOCK AND GENERAL OFFICES.

When chartered or articles of association filed: June 29, 1888.
 Number of stockholders at date of last election: Seven.
 Number of stockholders in Michigan at same date: Six.
 Amount of full paid stock held in Michigan at same date: \$800.00.
 Date of annual meeting of stockholders: Third Monday in June.
 Fiscal year of company ends December 31.
 General offices of the company are located at Hancock, Mich.

GENERAL EXHIBIT.

	Debit.	Credit.
Total income		\$24,252 24
Total expenses, including taxes	\$23,455 23	
Net income		\$797 01
Balance for the year		\$797 01
Balance (profit and loss) last year		12,196 85
Balance forward to next year		\$12,993 86

ANALYSIS OF CAPITAL STOCK.

Amount authorized by charter or articles of association		\$50,000 00
Par value of shares	\$100 00	
Number of shares issued	500	
Amount paid in on common	\$50,000 00	
Total amount paid in as per books of the company		\$50,000 00
Paid in per mile of road owned by company, 6 miles		\$8,388 34

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBT.

Class, character and date of issue.	Rate of interest.	When due.	Where payable.	Amount outstanding.
100 bonds, \$1,000.....	6%	1905.....	.....	\$100,000 00
Total funded debt				\$100,000 00

UNFUNDED DEBT.

For what incurred.	Is the same to be funded or how liquidated.	Amount.
For equipment.....	\$42,898 79
Total unfunded debt.....		\$42,898 79

RECAPITULATION.

Total funded debt.....	\$100,000 00
Total unfunded debt.....	42,898 79
Total debt liabilities	\$142,898 79
Amount of debt liabilities per mile of road, 6 miles	23,732 29
Total amount of stock and debt.....	192,393 79
Stock and debt per mile of road, 6 miles	32,065 68

GENERAL BALANCE SHEET.—Dr.

Construction account	}	\$205,387 65
Equipment account		
Total.....		\$205,387 65

GENERAL BALANCE SHEET.—Cr.

Capital stock.....	\$50,000 00
Funded debt.....	100,000 00
Unfunded debt:	
Vouchers and accounts	42,898 79
Profit and loss or income accounts.....	12,998 98
Total.....	\$205,387 65

COST OF ROAD AND EQUIPMENT.

Total cost for construction and equipment of road and branches built by company.

Total expended for construction and equipment.....	\$205,387 65
Average cost per mile of road, not including sidings, 6 miles	34,231 23
Proportion of cost for Michigan: All.	

CHARGES AND CREDITS TO PROPERTY DURING THE YEAR.

MAIN LINE.

Extensions and new sidings.....	\$1,160 48
Net addition to property account	1,160 48

ANALYSIS OF EARNINGS.

FREIGHT EARNINGS.

Main line and branches:		
Through traffic	\$24,252 24	
Total freight department earnings		\$24,252 24
Proportion for Michigan: All.		
Per mile of road	\$4,042 04	
Total transportation earnings		\$24,252 24
Transportation earnings per mile of road	4,042 04	
Transportation earnings per train mile	1 62	
Total earnings from operation of road		24,252 24
Total earnings per mile of road	\$4,042 04	
Total earnings per train mile	1 62	
Total income from all sources		\$24,252 24
Proportion of income for Michigan: All.		

ANALYSIS OF EXPENSES.

MAINTENANCE OF WAY AND BUILDINGS.

Repairs of roadway and track	\$6,758 77
Total	\$6,758 71

MAINTENANCE OF MOTIVE POWER AND CARS.

Repairs of locomotives	\$619 39
Repairs of freight cars	717 11
Total	\$1,336 50

CONDUCTING TRANSPORTATION.

Fuel for locomotives	\$3,009 70
Oil and waste	274 25
Locomotive service	3,718 45
Freight train service	5,657 50
Freight train supplies	1,432 81
Station supplies	192 68
Total	\$14,985 29

GENERAL EXPENSES.

Taxes	\$424 57
Total	\$424 57

RECAPITULATION OF EXPENSES.

Maintenance of way and buildings	\$6,758 77
Maintenance of motive power and cars	1,336 50
Conducting transportation	14,985 29
General expenses, including taxes	424 57
Total operating expenses and taxes	\$23,455 28
Operating expenses and taxes per mile of road	\$3,009 20
Operating expenses and taxes per train mile run for trains earning revenue	1 57
Total proportion of expenses for Michigan: All.	
Percentage of expenses to earnings	96.71
Net earnings per mile of road	13 29
Net earnings per train mile	05

DESCRIPTION OF ROAD.

Date when the road was opened for use between its present termini:

From Quincy mine to Quincy mill, March, 1890.

MAIN LINE.

	Miles.
In Michigan, from Quincy mine to Quincy mill.....	6
Aggregate length in Michigan of sidings, spurs, and other tracks not above enumerated.....	1.04
Aggregate length of tracks in Michigan belonging to this company, computed as single track.....	6.04

Gauge of track, three feet.

Number of bridges and trestles in Michigan.

	Number.
Wooden trestles	9

Crossings—railroad and highway.

What railroads cross your road at grade in this State, and at what locality?

Mineral Range R. R. siding at Quincy mine.

What railroads cross your road either over or under your grade in this State, and where?

Over:

Franklin Tram R. R. at S. E. $\frac{1}{4}$, section 25, 55-34.

Number of crossings of highways at grade in this State..... 2

Stations.

Number of stations on whole line.....	2
Same in Michigan	2

Employees.

Number of persons regularly employed on all roads operated by company, including officials.....	19
Same in Michigan	19

Classify your employ  s as per following list:

	Number.
Brakemen	2
Conductors	2
Engineers	2
Firemen	2
Laborers	8
Others	3

REPAIRS AND RENEWALS.

Fencing in Michigan.

How many miles of fencing have you.....	7.35
Give the number of miles required to complete fence both sides of your track in Michigan and the counties in which needed.....	4.65
Total miles required.....	12.00

Road bed and track.

Number of track sections in Michigan.....	1
Average lengths of sections (miles).....	6
Average number of men in each section gang.....	8

ROLLING STOCK.

	Number.	Present estimated value.
Number of locomotives of more than 30 tons weight, exclusive of tender	2	\$13,000 00
Number of platform cars.....	7	1,400 00
Number of ore cars.....	50	20,000 00
Other cars.....	1	200 00
Total.....	58	\$34,600 00

What patterns of power brakes have you in use, and number of locomotives and cars with each?
Eames' Vacuum on two locomotives.

Are your freight cars being equipped with automatic couplers as required by act No. 147,
session laws of 1885?

No.

What pattern or patterns have you adopted for use?

Link and pin.

MILEAGE, TRAFFIC, ETC.

Train, mileage.

Miles run by freight trains during the year	14,976
Total mileage of trains earning revenue	14,976

Freight traffic.

	Tons.	Miles.	Rate.
Number of tons of through freight carried	422,239		
Total freight mileage, or tons carried one mile		2,533,434	
Average ton haul for through freight		6	
Average amount received for each ton haul			\$0 06
Average rate per ton per mile, received for through freight			01

Freight forwarded at Michigan Stations.

	Forwarded, tons.
Ores	422,239

Tonnage of articles transported—entire road.

	Tons.	Per cent.
Ores, copper rock	422,239	100

STATE OF MICHIGAN, }
COUNTY OF HOUGHTON, } ss.

Samuel B. Harris, general manager, of the Quincy & Torch Lake Railroad Company, being duly sworn deposes and says that he has caused the foregoing statements to be prepared by the proper officer and agents of this company and having carefully examined the same, declares them to be a true, full and correct statement of the condition and affairs of said company, on the thirty-first day of December, A. D. 1893, to the best of his knowledge and belief.

[L. S. OF E. E.]

Signed,

S. B. HARRIS,

General Manager.

Subscribed and sworn to before me this 28th day of March, A. D. 1894.

[L. S.]

EDWARD D. JOHNSON,

Justice of the Peace.

ANNUAL REPORT
OF THE
SAULT STE. MARIE BRIDGE COMPANY.

For the year ending December 31, 1893.

[Filed September 4, 1894.]

NAMES AND RESIDENCES OF OFFICERS OF THE COMPANY.

President, CALVIN S. BRICE, New York.
Secretary, GEORGE H. CHURCH, New York.
Treasurer, GEORGE H. CHURCH, New York.

ORGANIZATION, ETC.

When chartered or articles of association filed: March 16, 1887.
Number of stockholders at date of last election: 12.
Number of stockholders in Michigan, same date: 1.
Date of annual meeting of stockholders: June 7, 1893.

CAPITAL STOCK.

By whom subscribed.	Residence.	No. of shares.	Amount.
James McMillan	Detroit, Mich.....	9,994	\$999,400 00
F. E. Driggs	" "	1	100 00
Samuel Thomas	New York	1	100 00
Geo. I. Seney	" "	1	100 00
Calvin S. Brice	New York	1	100 00
Joseph Taylor	" "	1	100 00
Wm. C. McMillan	Detroit, Mich.....	1	100 00
Total		10,000	\$1,000,000 00

STOCKHOLDERS, DECEMBER 31, 1893.

Names.	Residence.	Amount held.
Brice, Calvin S.	New York	\$100 00
Bliss, Geo. F.	" "	100 00
Cross, Richard J.	" "	100 00
Church, Geo. H.	" "	249,800 00
Gray, Stillman	" "	100 00
Halsted, Chas. F.	" "	499,800 00
Lowry, Thomas	Minneapolis, Minn.....	100 00
McMillan, James	Detroit, Mich.....	100 00
Sullivan, S. F.	" "	249,800 00
Thomas, Samuel	New York	100 00
Van Horne, Wm. C.	Montreal, Canada.....	100 00
Watson, Walter	New York	100 00
Total		\$1,000,000 00

ANALYSIS OF DEBT ACCOUNTS.

FUNDED DEBTS.

Character and date of issue.	Rate of interest.	When due.	Payable when.	Amount outstanding.
5% first mortgage gold bonds, dated July 1, 1887.....	5%	Jan. 1 and July 1.....	July 1, 1897.....	\$900,000 00
Total funded debt.....				\$900,000 00

RECAPITULATION.

Total funded debt.....	\$900,000 00
Total stock and debt.....	1,900,000 00

ANALYSIS OF EARNINGS AND EXPENSES.

EARNINGS.

From rentals or tolls: Under agreement with the Canadian Pacific Ry., Duluth, South Shore & Atlantic Ry., and Minneapolis, St. Paul & Sault Ste. Marie Ry. Co. the amount paid for use of bridge is to be the expenses of operating and the interest and sinking fund on the bonded indebtedness and no more.....	\$57,879 98
---	-------------

EXPENSES.

Operating.

Management and maintenance.....	\$7,379 98
---------------------------------	------------

Property account.

Interest on 1st mortgage bonds.....	45,000 00
Sinking fund.....	5,500 00
	\$57,879 98

VERIFICATION.

STATE OF NEW YORK, }
COUNTY OF NEW YORK, } ss.

Calvin S. Brice, president, and George H. Church, secretary, of the Sault Ste. Marie Bridge Company, being duly sworn, depose and say that they have caused the foregoing statements to be prepared by the proper officers and agents of the said company, and having carefully examined the same, declare them to be a true, full and correct statement of the condition and affairs of said company, on the 31st day of December, A. D. 1893, to the best of their knowledge and belief.

CALVIN S. BRICE, *President.*
GEO. H. CHURCH, *Secretary.*

Subscribed and sworn to before me this 31st day of August, A. D. 1894.
[L. S.]

WILLIAM M. BENNETT,
Notary Public, New York County.

CERTIFICATE OF FILING.

I hereby certify that the foregoing report was received and filed in the office of the Commissioner of Railroads, this 4th day of September, A. D. 1894.

ED. A. RUNDELL,
Deputy Commissioner of Railroads.

ANNUAL REPORT

OF THE

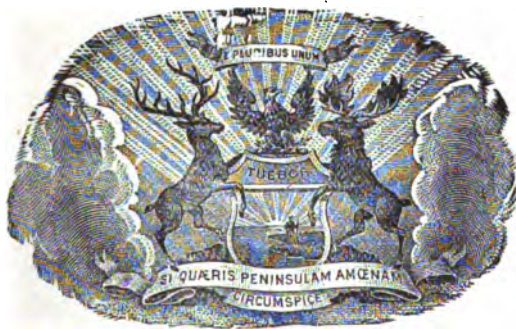
STATE SALT INSPECTOR

OF THE

STATE OF MICHIGAN

FOR THE

YEAR ENDING NOV. 30, 1893



BY AUTHORITY

LANSING

ROBERT SMITH & CO., STATE PRINTERS AND BINDERS

1893

REPORT.

OFFICE OF GEO. W. HILL, STATE SALT INSPECTOR, {
Saginaw, E. S., Mich., December 15, 1893. }

HON. JOHN T. RICH, *Governor of the State of Michigan:*

SIR—I herewith transmit this my eleventh, the twenty-fifth, annual report of the operations of the State salt inspection law, for the fiscal year ending November 30, 1893.

The law requires that the report shall contain:

First, The number of districts, into which the salt producing territory of the State may then be divided, with the name and locality of each, and the number and capacity of the works in each district;

Second, The quantity and quality of salt inspected in each district, the preceding year;

Third, The amount of money received, und the expense incurred under this act.

THE SALT DISTRICTS.

The salt producing territory of the State is divided into eight districts, having manufacturing capacity as follows:

District No. 1, Saginaw county, has forty-two salt companies, with forty steam, three pan blocks, and four thousand solar salt covers, having a manufacturing capacity of one million three hundred fifty thousand barrels of salt.

District No. 2, Bay county, has twenty-nine salt companies, with thirty-two steam blocks, one vacuum pan, and with a manufacturing capacity of one million three hundred thousand barrels of salt.

District No. 3, Huron county, has four salt companies with one steam and three pan blocks and with a manufacturing capacity of three hundred thousand barrels.

District No. 4, St. Clair county, has ten salt companies, with six steam and four pan blocks, with a manufacturing capacity of six hundred thousand barrels of salt.

District No. 5, Iosco county, has six salt companies, with six steam blocks, having a manufacturing capacity of three hundred thousand barrels of salt.

District No. 6, Midland county, has two salt companies, with two steam blocks, having a manufacturing capacity of seventy-five thousand barrels of salt.

District No. 7, Manistee county, has ten salt companies, with nine steam and two pan blocks, having a manufacturing capacity of one million two hundred fifty thousand barrels of salt.

District No. 8, Mason county, has four salt companies, with two steam and two pan blocks, having a manufacturing capacity of five hundred thousand barrels of salt.

RECAPITULATION.

Total number of firms, one hundred nine.

Blocks, one hundred twelve.

Solar salt covers, four thousand, with an estimated manufacturing capacity of five million four hundred twenty-five thousand barrels of salt.

DISTRICT NO. 1. SAGINAW COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Green, Ring & Co.	24,090		50				24,140
Bliss & Van Anken, No. 1	20,398	4				250	20,652
Bliss & Van Anken, No. 2	38,585	1,938					40,518
D. Hardin	2,927					45	2,972
Brand & Hardin	10,548						10,548
D. Hardin & Co.	2,265					29	2,294
Wright L. Co.	46,216	25				76	46,317
O. K. Eddy & Sons	7,115	17,825					24,447
N. Holland	13,543						13,543
Linton Manufacturing Co.	8,451	8,575					17,026
Ayres & Co.	8,123	2,472				803	11,398
Briggs & Cooper	6,516	780					7,296
Gebhardt & Estabrook	21,535						21,535
Rust Bros. & Co.	38,777						38,777
Whitney & Batchelor	56,704	9,501					66,205
Mitchell & McClure					11,898		11,898
E. Gormain	240	15,806					15,546
Saginaw Lumber & Salt Co.	52,711						52,711
Tyler & Son	12,282			800		247	12,529
A. T. Bliss	21,357	6,999	219			1,651	30,226
C. L. Grant & Co.	3,117						3,117
Eastman & Co.	6,168	10,171	253				16,592
C. Merrill & Co.	48,196						48,196
W. B. Marshon & Co.		13,578				9,280	22,858
Central Lumber Co.	25,696	7,143				274	33,113
Melchers and Nerretter.	300	5,708					6,008
S. & C. Stone	300	839				18	1,157
Wylie Bros.		5,828					5,828
G. B. Wiggins		8,628					8,628
Rust, Eaton & Co.		9,673					9,673
L. McLaughlin		1,800					1,800
Whittier E. Co.		4,284					4,284
W. H. Cambrey	675	1,328					2,003
E. C. Chapman	590	285				112	937
Wall & Weber		10,779					10,779
Totals	422,425	142,912	522	800	11,898	12,785	640,887

STATE SALT INSPECTOR.

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DISTRICT NO. 2. BAY COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
South End Lumber Co.		19,915					19,915
H. W. Sage	27,872					445	28,120
Carpenter & Co.	9,056						9,056
Smalley & Woodworth		35,082					35,082
Wm. Peters	34,270						34,270
Eddy, Avery & Eddy	39,675						39,675
F. E. Bradley	29,671		595				30,566
J. B. Hall	522	8,704					9,226
E. Hall		37,257				114	37,371
J. Boyce	10,445						10,445
Wm. Rouse	17,393					507	17,900
McBwen Bros. & Co.	30,684	5,560					36,244
Eddy Bros. & Co.	45,956	4,014					49,970
Dolson, Chapin & Co.	32,975	4,281					37,206
McLean & Co.	26,415		26			114	26,555
Folsom & Arnold	13,566						13,566
A. C. McGraw	265					1,131	1,396
C. C. Barker		11,079					11,079
Pitts & Cranage	5,845	1,801				1,014	8,160
T. H. McGraw & Co.	11,292					6,718	18,010
Theo. Hine	3,056	7,030					10,086
Pitts & Co.	40,078	2,577					43,650
Fitch Salt Co.	1,509	5,871		1,148		2,133	10,661
Michigan Pipe Co.		13,192					13,192
H. H. Norrington		14					14
Hine & Laderach	1,693	1,265					2,958
Kern Manufacturing Co.	7,345	28,566	3,313				39,224
Totals	390,878	185,611	4,234	1,148		12,179	598,550

DISTRICT NO. 3. HURON COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Huron Dairy Co.	7,573	11,467					19,040

DISTRICT NO. 4. ST. CLAIR COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Thompson Bros.	92,318	5,797					98,615
Davidson & Wansey	69,085					762	69,797
Diamond Crystal Salt Co.		27,808					27,808
Marine City Stave Co.	31,466	13,428	534	866			46,294
Watton Salt Co.	36,154						36,154
Vacuum Salt Co.	6,915						6,915
Totals	236,368	47,033	534	866		762	285,533

ANNUAL REPORT OF THE

DISTRICT NO. 5, IOSCO COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Iosco Brine Supply Co.	8,752						8,752
Pack, Woods & Co.	67,105						67,105
Gratwick, Smith & Fryer	27,340						27,340
Temple Emery	22,001						22,001
Winona Salt & Lumber Co.	3,725			1,055		1,426	6,209
Holland & Emery Lumber Co.	25,921						25,921
Totals	154,747			1,055		1,426	157,228

DISTRICT NO. 6, MIDLAND COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
William Patrick	16,890	1,150					17,549
Midland Salt & Lumber Co.	22,945	100				380	22,975
Totals	38,594	1,250				380	40,524

DISTRICT NO. 7, MANISTEE COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Filer & Sons.	118,229					1,226	119,455
State Lumber Co.	187,520	36,060				1,760	225,370
Eureka Lumber Co.	151,975					8,288	160,263
Louis Sands.	77,707	3,724				263	81,714
Stronach Lumber Co.	44,153						44,153
Canfield, Wheeler & Co.	2,961	53,808	218	3,637		709	61,328
Union Salt & Lumber Co.	59,862					509	60,371
Reitz Salt & Lumber Co.	11,503			75			11,578
Michigan Trust Co.	395,624					6,367	401,991
Canfield S. & L. Co. (Channel)	59,285		714	182		839	60,450
Canfield S. & L. Co. (E. Lake)	73,566		104	2,508		201	76,374
Totals	1,182,835	93,617	1,036	6,847		19,707	1,303,042

STATE SALT INSPECTOR.

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DISTRICT NO. 8, MASON COUNTY.

For whom inspected.	Fine.	Fine bulk.	Packers.	Fine packers.	Solar.	Second quality.	Totals.
	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
Pere Marquette Lumber Co.....	100,305					1,041	101,346
Butters & Peters.....	98,356	84,572				9,897	143,325
Thos. Percy, old block.....	147,181	81,940	508			1,080	180,709
Thos. Percy, new block.....	27,793	16,890				5,678	50,301
Totals.....	373,635	83,342	508			17,196	974,681

RECAPITULATION.

District No.	County.	Fine.	Fine bulk.	Packers.	Fine Packers.	Solar.	Second quality.	Totals.
		Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1	Saginaw.....	472,425	142,912	522	300	11,898	12,785	640,837
2	Bay.....	390,378	185,611	4,284	1,148		12,179	593,550
3	Huron.....	7,573	11,467					19,040
4	St. Clair.....	236,388	47,033	534	866		762	285,583
5	Iosco.....	154,747			1,085		1,426	157,328
6	Midland.....	88,894	1,250				880	40,524
7	Manistee.....	1,182,335	93,617	1,036	6,347		19,707	1,803,042
8	Mason.....	873,685	83,342	508			17,196	474,681
	Totals.....	2,556,375	565,232	6,834	9,716	11,898	64,435	3,514,485

Table showing increased and decreased inspection per district.

District No.	County.	1892.	1893.	Increase.	Decrease.	Total decrease.
		Barrels.	Barrels.	Barrels.	Barrels.	Barrels.
1	Saginaw.....	842,235	640,837		201,398	
2	Bay.....	691,334	593,550		97,784	
3	Huron.....	31,159	19,040		12,119	
4	St. Clair.....	347,242	285,583		61,659	
5	Iosco.....	230,597	157,228		73,369	
6	Midland.....	33,380	40,524	7,144		
7	Manistee.....	1,294,139	1,303,042	8,903		
8	Mason.....	341,668	474,681	133,013		
	Totals.....	3,812,054	3,514,485	149,060	446,629	297,569

ANNUAL REPORT OF THE

There was, from the above table, 297,569 barrels less salt inspected than in 1892, but this does not show the amount actually manufactured during the inspection year 1893.

Add to the total amount inspected.....	3,514,485 barrels
Salt now in bins	506,402 "
Total	4,020,887 barrels
Deduct salt in bins November 30, 1892...	1,001,780 "
Amount of salt manufactured during fiscal year 1893	3,019,107 barrels

Showing an actual decrease in the output of 1893, compared with 1892, of 690,515 barrels of salt.

The following table shows the amount of various grades of salt inspected since 1869, the first year of the establishment of the State inspection of salt.

COMPARATIVE TABLE.

	Barrels.
1869	561,288
1870	621,352
1871	728,175
1872	724,481
1873	823,346
1874	1,026,979
1875	1,081,856
1876	1,482,729
1877	1,660,997
1878	1,855,884
1879	2,058,040
1880	2,676,588
1881	2,750,299
1882	3,037,317
1883	2,894,672
1884	3,161,806
1885	3,297,403
1886	3,677,257
1887	3,944,309
1888	3,866,228
1889	3,846,979
1890	3,838,637
1891	3,927,671
1892	3,812,054
1893	3,514,485
Total	60,846,832
Salt manufactured prior to 1869	3,282,117
Total salt produced in Michigan to date	64,128,949

STATE SALT INSPECTOR.

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RECEIPTS AND DISBURSEMENTS.

Receipts.

Duties on 3,514,485 barrels, at 3 mills per barrel \$10,543 45

Expenditures.

Salary, State Salt Inspector.....	\$1,275 00
Office, printing, etc.	250 00
Salaries, Deputy State Inspectors.....	6,935 70
Expenses of Ex-Salt Inspector Casey for December and January	945 39
Total expense	<u>\$9,406 09</u>
Receipts.....	\$10,543 45
Expenses.....	<u>9,406 09</u>
Balance	\$1,137 36

BURNED.

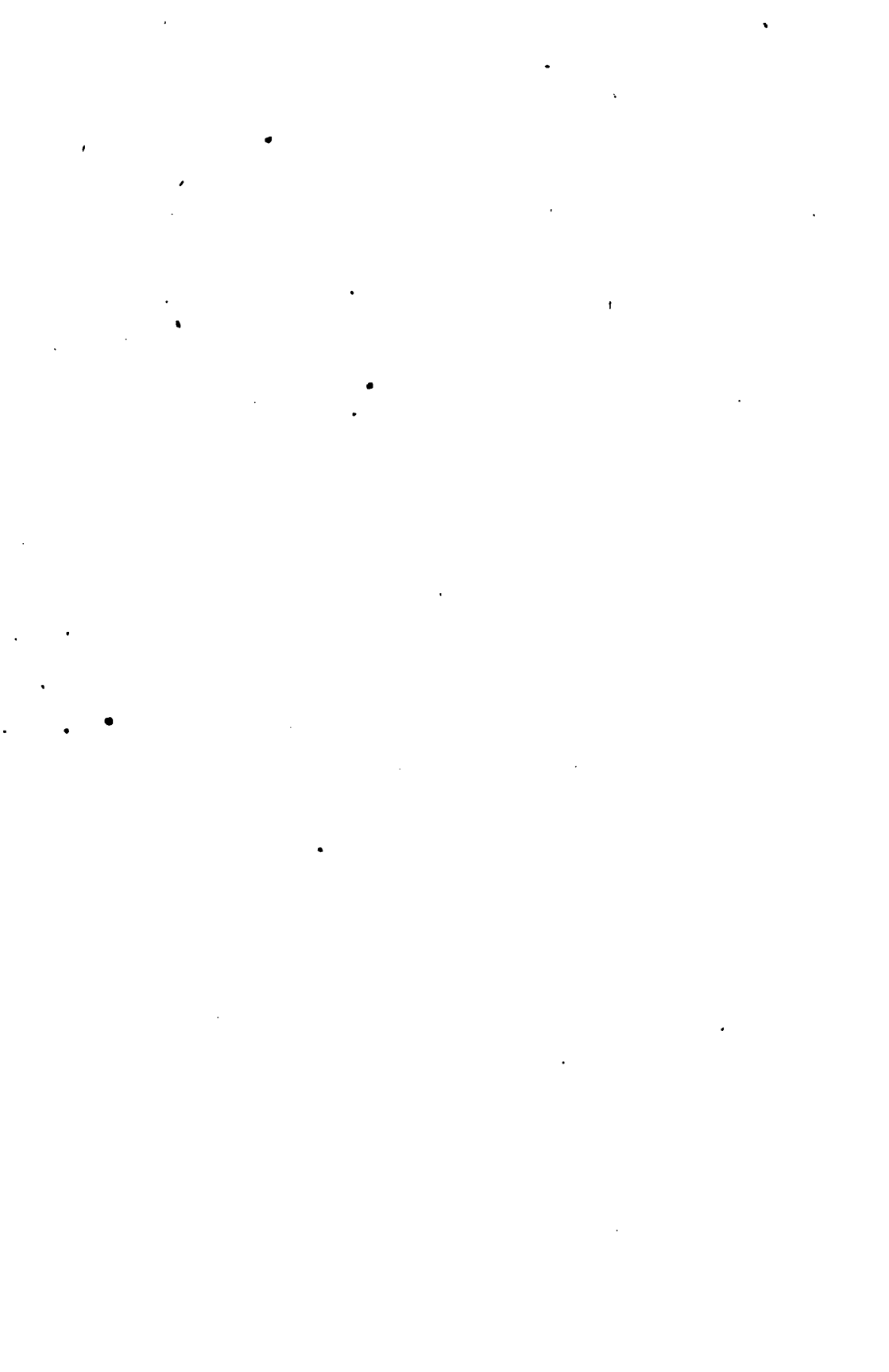
Eddy, Avery & Eddy, Bay City, will not rebuild.
 Sample & Camp, Saginaw, will not rebuild.
 E. Germain, Saginaw, partially, has rebuilt.

At Ludington, Thos. Percy has built a very large plant. Capacity, 1,500 barrels per day. This is a vacuum pan, and one of the best plants in the country.

The inspection has received the hearty support of all manufacturers, for which we are very thankful. We experienced some difficulties in the early part of the season, which were gradually overcome, until I am confident the salt of Michigan is well assorted and classified, to meet the competition of any salt in the markets of the country.

All of which is respectfully submitted.

GEORGE W. HILL,
State Salt Inspector.



REPORT

OF THE

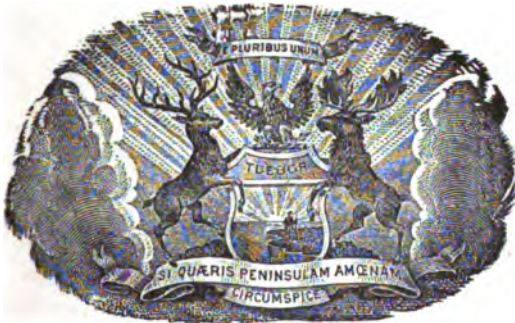
STATE INSPECTOR OF ILLUMINATING OILS

OF THE

STATE OF MICHIGAN

FOR THE

YEAR ENDING DECEMBER 31, 1893



BY AUTHORITY

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1894



REPORT.

Jackson, August 8, 1893.

Hon. Neal McMillan, State Inspector of Oils, Rockford, Mich.:

DEAR SIR—Herewith please find statement showing the number of barrels of oil inspected by me, as State Inspector of Illuminating Oils, fees collected and expenses paid for six months ending June 30, 1893, which you will include in your next annual report to the Governor of the State and State Board of Public Health.

Respectfully submitted,

JOHN O'BRIEN.

RECEIPTS AND EXPENDITURES OF OFFICE FOR SIX MONTHS ENDING JUNE 30, 1893.

Barrels of oil inspected, 168,928.

RECEIPTS.

Received from deputy inspectors..... \$31,980 64

DISBURSEMENTS.

State Inspector's salary	\$750 00
State Inspector's traveling expenses.....	100 55
Postage and stationery	13 38
Printing	2 75
Telegraphing	8 82
Express	2 00
Deputy inspectors salaries	9,016 44
Deputy inspectors traveling expenses	1,519 48
Balance due State	10,546 47

\$31,980 64

ANNUAL REPORT OF THE

Report of John O'Brien, State Inspector of Illuminating Oils, showing receipts and expenditures for the six months ending June 30, 1893:

Deputies names.	Months.	Dis- tricts	Bbls. re- jected.	Whole No. barrels in- spected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
J. D. Long	Jan.	1		5,949	\$778 87	\$75 00	\$8 40	\$83 40
	Feb.			7,500	975 00	75 00	7 20	82 20
	Mar.		677	5,874	698 62	75 00	8 10	83 10
	Apr.			8,118	405 34	75 00	6 30	81 30
	May			8,812	495 56	75 00	8 20	83 20
	June			3,303	429 89	75 00	6 80	81 80
Michael Quirk	Jan.	1		2,174	282 62	75 00	4 50	79 50
	Feb.			2,050	266 50	75 00	4 50	79 50
	Mar.			1,271	165 23	75 00	4 00	79 00
	Apr.			1,510	196 89	75 00	4 50	79 50
	May			1,185	154 05	75 00	4 50	79 50
	June			1,370	178 10	75 00	4 50	79 50
Alex. Richards	Jan.	2		882	114 66	75 00	12 18	98 18
	Feb.			906	117 78	75 00	19 20	94 20
	Mar.			727	94 51	75 00	15 70	90 70
	Apr.			716	93 08	75 00	16 88	91 88
	May			600	75 00	75 00	18 81	89 81
	June			623	80 99	72 65	21 96	94 61
C. McKay	Jan.	3		903	117 39	75 00	11 00	96 00
	Feb.			880	114 40	75 00	8 30	93 30
	Mar.			920	119 60	75 00	9 60	94 60
	Apr.			515	66 95	67 25	8 20	75 45
	May			671	87 23	75 00	6 00	81 00
	June			301	39 13	56 55	5 20	61 75
Hiram A. Cole	Jan.	4		1,488	193 44	75 00	18 00	93 00
	Feb.			1,217	158 21	75 00	21 60	96 60
	Mar.			1,965	255 45	75 00	18 00	93 00
	Apr.			682	88 79	75 00	10 60	85 60
	May			1,086	124 78	75 00	15 10	90 10
	June			789	96 07	75 00	8 00	83 00
Charles Miller	Jan.	5		976	126 88	75 00	15 05	90 05
	Feb.			920	119 60	75 00	8 70	83 70
	Mar.			584	75 92	70 70	15 10	85 80
	Apr.			701	91 13	75 00	5 00	80 00
	May			571	74 23	70 05	9 39	79 44
	June			213	27 69	51 28	8 89	60 17
Oliver O. P. Hughart	Jan.	6		4,892	576 96	75 00	7 35	82 35
	Feb.			4,231	550 03	75 00	3 30	78 30
	Mar.			3,988	518 44	75 00	7 85	82 35
	Apr.			2,086	271 18	75 00	7 85	82 85
	May			3,077	400 01	75 00	2 50	77 50
	June			2,908	378 04	75 00	3 80	78 80
E. D. Blair	Jan.	7		632	82 16	78 10	8 85	81 95
	Feb.			713	93 34	75 00	6 40	81 40
	Mar.			1,248	163 24	75 00	12 30	87 20
	Apr.			498	64 74	66 40	5 40	71 80
	May			655	85 15	74 25	8 80	78 05
	June			827	107 51	75 00	5 80	80 80
T. D. Foxsen	Jan.	8		2,150	279 50	75 00	7 20	82 20
	Feb.			2,510	326 30	75 00	7 20	82 20
	Mar.			2,067	263 71	75 00	7 20	82 20
	Apr.			1,098	142 74	75 00	8 05	82 05
	May			1,582	205 66	75 00	5 40	80 40
	June			1,770	236 10	75 00	9 00	84 00

Receipts and Expenditures—Continued.

Deputies names.	Months.	Districts.	Bbls. re-jected.	Whole No. barrels in-spected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
Thos. A. Carten	Jan.	9		894	\$51 22	\$61 20		\$61 20
	Feb.			1,084	140 92	75 00	\$9 72	84 72
	Mar.			773	100 38	75 00		75 00
	Apr.			759	98 67	75 00	8 58	83 58
	May			417	54 21	62 35		62 35
	June			294	38 22	56 14		56 14
Sol Cohen	Jan.	10		1,860	241 80	75 00	10 95	85 95
	Feb.			2,092	271 96	75 00	13 05	88 05
	Mar.			1,969	255 97	75 00	6 75	81 75
	Apr.			1,207	156 91	75 00	6 80	81 80
	May		37	936	121 65	75 00	8 35	83 35
	June			961	123 68	75 00	6 75	81 75
Nelson Goodrich	Jan.	11		1,189	154 57	75 00	21 00	96 00
	Feb.			1,578	205 14	75 00	36 00	101 00
	Mar.			771	100 23	75 00	18 00	88 00
	Apr.			976	128 88	75 00	12 00	87 00
	May			266	38 35	56 20	7 00	68 20
	June			277	36 01	55 12	11 00	66 12
Thos Bastone	Jan.	12		5,340	694 20	75 00	12 70	87 70
	Feb.			6,087	784 81	75 00	18 70	83 70
	Mar.			4,510	586 30	75 00	10 80	85 80
	Apr.			2,817	366 21	75 00	9 60	84 60
	May			1,604	228 52	75 00	8 40	88 40
	June			3,896	441 48	75 00	9 55	84 55
John Terney	Jan.	13		1,228	180 94	75 00	8 80	83 80
	Feb.			1,153	149 89	75 00	6 80	82 80
	Mar.			1,499	187 07	75 00	11 20	86 20
	Apr.			1,117	145 21	75 00	8 80	83 80
	May			768	99 84	75 00	6 40	81 40
	June			751	97 68	75 00	9 40	84 40
Geo. D. McKay	Jan.	14		476	61 88	65 20	19 04	84 84
	Feb.			165	21 45	47 70	6 70	54 40
	Mar.			180	23 40	48 90	8 00	56 90
	Apr.			187	24 31	49 48	12 20	61 68
	May			130	16 90	44 90	9 00	53 90
	June			180	16 90	44 90	9 60	54 40
A. W. Bernier	Jan.	15		2,010	261 30	75 00	55 20	180 80
	Feb.			1,868	242 80	75 00	59 80	184 80
	Mar.			1,520	197 60	75 00	51 45	126 45
	Apr.			1,440	187 20	75 00	50 95	125 95
	May			1,231	160 03	75 00	40 75	115 75
	June			1,975	256 75	75 00	61 10	136 10
M. R. Redmond	Jan.	16		918	119 34	75 00	19 00	94 00
	Feb.			705	91 65	75 00	16 50	81 50
	Mar.			677	88 01	75 00	14 50	89 50
	Apr.			274	35 62	54 94	10 00	64 94
	May			632	82 16	78 10	19 00	92 10
	June			373	48 49	60 15	12 00	72 15
Christian Hauser	Jan.	17		432	62 66	65 60	12 30	77 90
	Feb.			765	99 45	75 00	18 80	98 80
	Mar.			969	125 97	75 00	6 00	81 00
	Apr.			272	35 36	54 82	6 00	60 82
	May			650	84 50	74 00	4 00	75 00
	June			544	70 72	68 70	6 00	74 70
John H. Ruehle	Jan.	18		218	28 34	51 58		51 58
	Feb.			220	28 60	51 70		51 70
	Mar.			360	46 80	59 50	4 90	64 40
	Apr.			208	27 04	50 98	6 80	57 58
	May			201	26 13	50 56	9 00	59 56
	June			386	50 06	60 75	23 15	83 90
A. J. Finn	Jan.	19		385	43 55	58 25	17 80	75 55
	Feb.			225	29 25	52 00	12 00	64 00
	Mar.			220	28 60	51 70	6 80	58 30
	Apr.			178	28 14	48 74	8 70	57 44
A. L. Coulter	May			218	28 34	51 58	11 40	62 98
	June							

Receipts and Expenditures—Continued.

Deputies names.	Months.	Districts.	Bbls. rejected.	Whole No. barrels inspected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
Harry G. White	Jan.	20		225	\$29 25	\$52 00	\$8 68	\$80 68
	Feb.			405	52 65	61 75	11 20	72 95
	Mar.			524	66 12	67 70	17 84	85 04
	Apr.			261	37 83	55 96	8 85	64 84
	May			268	34 97	54 64	18 13	67 77
	June			330	42 90	58 00	6 56	64 56
John Costin	Jan.	21		400	52 00	61 50	11 00	72 50
	Feb.			393	51 09	61 15	40	61 55
Peter E. Swanson	Mar.			391	50 83	61 05	5 80	66 85
	Apr.			225	29 25	52 00		53 00
	May			143	18 59	45 84		45 94
	June			175	22 75	48 50	19 04	67 54
Isaac Wright	Jan.	22		5	65	5 00		5 00
	Feb.							
	Mar.							
	Apr.			22	2 86	18 70		18 70
	May			3	29	3 00		3 00
	June			5	65	5 00		5 00

RECAPITULATION.

Names.	District.	Bbls. rejected.	Whole No. barrels inspected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
J. D. Long	1	677	29,068	\$3,777 28	\$450 00	\$45 00	\$495 00
Michael Quirk	1		9,560	1,242 80	450 00	26 50	476 50
Alex. Richard	2		4,454	579 02	444 15	110 23	554 28
C. McKay	3		4,190	544 70	423 80	48 80	473 10
Hiram A. Cole	4		7,128	926 64	450 00	91 80	541 30
Charles Miller	5		3,965	515 45	417 03	62 13	479 16
Oliver O. P. Hughart	6		20,632	2,685 66	450 00	31 65	481 65
E. D. Blair	7		4,578	595 14	428 75	42 45	481 20
T. D. Foxsen	8		11,177	1,453 01	450 00	44 05	494 05
Thos. A. Carten	9		3,720	483 60	404 69	18 80	423 99
Sol Cohen	10	37	9,015	1,171 95	450 00	52 65	502 65
Nelson Goodrich	11		5,086	661 13	411 32	90 06	501 32
Thos. Bastone	12		24,704	3,211 52	450 00	64 65	511 65
John Terney	13		6,466	840 53	450 00	53 40	503 40
Geo. D. McKay	14		1,268	164 84	301 16	64 44	365 90
A. W. Bernier	15		10,044	1,305 72	450 00	\$18 75	768 75
M. E. Redmond	16		3,579	465 27	418 19	91 00	405 19
Christian Hauser	17		3,682	478 66	413 13	58 20	466 23
John H. Ruehle	18		1,592	206 96	325 07	53 45	378 52
A. J. Finn	19		953	124 54	201 69	44 60	255 29
A. L. Coulter	19		218	28 34	51 52	11 40	62 96
Harry G. White	20		2,044	265 72	350 05	65 79	415 94
John Costin	21		793	108 09	125 65	11 40	144 05
Peter E. Swanson	21		931	121 42	207 49	34 54	233 23
Isaac Wright	22		35	4 55	31 70		31 70
Total		714	\$168,928	\$21,960 64	\$9,016 44	\$1,519 48	\$10,535 92

REPORT

OFFICE OF STATE INSPECTOR OF ILLUMINATING OILS, }
Rockford, Michigan, January 15, 1894. }

To his Excellency, Hon. John T. Rich, Governor of Michigan, and the State Board of Public Health:

GENTLEMEN—In conformity with the law relating to the inspection of illuminating oils, I have the honor to submit the following report, with a detailed account of the transactions of this department, for the period commencing July 1, 1893, and ending December 31, 1893.

The following is a list of the deputy inspectors of this State, their post-office addresses, and the territory comprising their respective districts, January 1, 1894:

FIRST DISTRICT.

Theodore M. Wolter—Detroit. All territory west of Fourth street, city of Detroit, Wayne county.

SECOND DISTRICT.

Conrad Bettinger—Detroit. All territory east of Fourth street in Wayne and Oakland counties.

THIRD DISTRICT.

Fred Bay—Victorsville. Lenawee and Monroe counties.

FOURTH DISTRICT.

E. H. Eggleston—Jonesville. St. Joseph, Branch and Hillsdale counties.

FIFTH DISTRICT.

Clayton M. Nash—Allegan. Kalamazoo and Van Buren counties and towns on the G. R. & I and Lake Shore railroads in Allegan county.

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SIXTH DISTRICT.

W. L. George—Benton Harbor. Berrien and Cass counties.

SEVENTH DISTRICT.

George W. Bunnell—Grand Rapids. Kent county and all towns on the G. R. & I. R. R. in Montcalm and Mecosta counties.

EIGHTH DISTRICT.

A. S. Kedzie—Grand Haven. Ottawa, Muskegon and Allegan counties, except towns on the G. R. & I. and Lake Shore railroads in Allegan county.

NINTH DISTRICT.

W. I. Marble—Nashville. Eaton, Barry, Ingham and Calhoun counties, except towns on Air Line railway in Calhoun county, and Stockbridge in Ingham county.

TENTH DISTRICT.

Zene B. Cutler—Ionia. Ionia, Montcalm, Gratiot, Mecosta and Isabella counties, except towns on the G. R. & I. railroads in Montcalm and Mecosta counties.

ELEVENTH DISTRICT.

James L. Gilbert—Chelsea. Jackson and Washtenaw counties and towns on the G. T. railway in Ingham and Livingston counties, and towns on Air Line railway in Calhoun county.

TWELFTH DISTRICT.

E. O. Dewey—Owosso. Genesee, Shiawassee, Clinton, Lapeer and Livingston counties, except towns in Livingston county on the G. T. R. R.

THIRTEENTH DISTRICT.

Joel P. Miller—Bay City. Bay, Saginaw, Arenac, Midland, Tuscola, Ogemaw and Gladwin counties.

FOURTEENTH DISTRICT.

William Jenney—Mt. Clemens. St. Clair, Sanilac, Huron and Macomb counties.

FIFTEENTH DISTRICT.

Charles Golling—Alpena. Alpena, Alcona, Iosco, Presque Isle and Oscoda counties.

SIXTEENTH DISTRICT.

Jabez Trebilcock—Ishpeming. Marquette, Menominee, Schoolcraft, Dickinson and Delta counties.

SEVENTEENTH DISTRICT.

G. Warren Emery—Hancock. Baraga, Houghton and Keweenaw counties.

EIGHTEENTH DISTRICT.

A. G. Smith—Manistee. Manistee, Mason, Lake, Oceana, Benzie, Newaygo, Osceola and Clare counties.

NINETEENTH DISTRICT.

Charles H. Pease—Sault Ste. Marie. Chippewa, Luce and Alger counties.

TWENTIETH DISTRICT.

Alva L. Coulter—Charlevoix. Emmet, Cheboygan, Charlevoix, Otsego, Roscommon, Crawford, Mackinac and Manitou counties.

TWENTY-FIRST DISTRICT.

Leander C. Handy—Mancelona. Grand Traverse, Antrim, Leelanaw, Wexford, Kalkaska and Missaukee counties.

TWENTY-SECOND DISTRICT.

Robert A. Douglas—Ironwood. Gogebic, Iron and Ontonogan counties.

Section 2 limits the State Inspector to twenty-two deputies, and I have found it necessary to add Manitou county, territory that formerly constituted the twenty-second district, to the twentieth district. Would recommend increasing the number of deputies to twenty-three, the number formerly appointed in this State, and the reforming of Manitou county into a separate district as soon as practicable.

The following table shows the number of gallons of oil inspected in the several inspection districts of the State, number of gallons approved and number rejected, fees collected therefor, the names of deputy inspectors, with total of salary and expenses paid each for six months, ending December 31, 1893:

Annual report of Neal McMillan, State Inspector of Illuminating Oils, showing receipts and expenditures for the six months ending December 31, 1893.

Deputies names.	Month.	Dis- tricts.	Gallons re- jected.	Whole No. gallons inspected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
Theodore M. Wolter.	July	1		192,922	\$265 85	\$75 00	\$5 00	\$80 00
	Aug.			190,200	280 41	75 00	5 00	80 00
	Sept.			240,600	481 21	75 00	5 00	80 00
	Oct.			341,933	688 86	75 00	5 00	80 00
	Nov.			301,855	608 66	75 00	6 25	81 25
	Dec.			366,875	733 75	75 00	10 50	85 50
Conrad Bettinger	July	2		47,500	95 00	75 00		75 00
	Aug.			62,000	124 00	75 00		75 00
	Sept.			90,000	180 00	75 00		75 00
	Oct.			144,850	289 70	75 00		75 00
	Nov.			140,350	280 50	75 00	25	75 25
	Dec.			145,150	290 33	75 00	5 00	80 00
Fred Bay	July	3		18,533	37 04	59 80	21 86	81 66
	Aug.		284	31,361	60 46	71 80	20 51	91 81
	Sept.		881	41,331	83 60	75 00	19 98	94 98
	Oct.		3,307	50,740	101 49	75 00	25 40	98 40
	Nov.			68,574	137 81	75 00	25 16	101 16
	Dec.			65,784	131 49	75 00	24 83	99 83
R. H. Eggleston	July	4		22,500	45 00	64 00	7 10	71 10
	Aug.			13,500	27 00	54 70	5 00	62 70
	Sept.			36,813	71 61	75 00	11 80	86 80
	Oct.			38,080	76 15	75 00	13 70	88 70
	Nov.			69,861	139 69	75 00	36 84	111 84
	Dec.			58,455	106 88	75 00	21 60	96 60
C. M. Nash	July	5		50,220	100 66	75 00	9 00	84 00
	Aug.			49,050	97 13	75 00	9 00	84 00
	Sept.			68,300	136 60	75 00	14 20	95 80
	Oct.			105,050	210 10	75 00	10 50	96 50
	Nov.			79,750	159 50	75 00	17 80	92 80
	Dec.			112,900	225 80	75 00	23 25	97 25
W. L. George	July	6	2,100	12,875	25 70	58 92	2 05	55 97
	Aug.		1,261	41,430	83 83	75 00	7 08	82 06
	Sept.			35,210	70 40	75 00	4 84	79 84
	Oct.			46,441	92 86	75 00	12 04	87 04
	Nov.			63,443	126 86	75 00	15 85	90 35
	Dec.			50,584	101 14	75 00	11 10	86 10
George W. Bunnell	July	7		89,299	178 59	75 00	6 95	81 95
	Aug.			95,828	191 55	75 00	8 40	83 40
	Sept.			188,589	377 07	75 00	6 55	81 55
	Oct.			227,805	455 61	75 00	11 90	86 90
	Nov.			295,586	591 19	75 00	11 90	86 90
	Dec.			307,171	614 34	75 00	9 35	84 35
A. S. Kedzie	July	8		33,406	66 81	74 85	8 20	83 05
	Aug.			36,114	72 23	75 00	4 60	79 60
	Sept.			20,650	41 30	62 15	5 80	68 05
	Oct.			40,516	81 03	75 00	4 80	79 80
	Nov.			43,531	85 07	75 00	10 15	85 15
	Dec.		3,000	51,373	102 74	75 00	11 90	86 90
W. I. Marble	July	9	6,127	48,483	96 96	75 00	13 00	87 00
	Aug.			48,367	96 74	75 00	15 70	83 70
	Sept.			50,514	101 02	75 00	22 10	97 10
	Oct.			124,951	249 90	75 00	23 30	95 20
	Nov.			154,118	308 20	75 00	21 10	96 10
	Dec.		52	134,939	269 87	75 00	14 60	89 60
Gene B. Cutler	July	10		17,715	35 43	58 90		58 90
	Aug.			16,278	32 56	57 18		57 18
	Sept.			40,614	81 23	75 00		75 00
	Oct.			52,915	105 82	75 00	5 50	80 50
	Nov.			68,292	136 60	75 00	8 30	83 30
	Dec.			47,097	95 43	75 00	12 60	88 60
James L. Gilbert	July	11	12,805	79,539	159 12	75 00	7 80	82 80
	Aug.		4,572	284,253	568 55	75 00	10 80	85 80
	Sept.		4,721	65,562	131 12	75 00	12 05	87 05
	Oct.			108,510	216 94	75 00	9 30	84 30
	Nov.			138,750	277 54	75 00	16 20	91 20
	Dec.			178,100	356 16	75 00	16 05	91 05

Receipts and Expenditures—Continued.

Deputies names.	Month.	Districts.	Gallons re-jected.	Whole No. gallons inspected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
E. O. Dewey	July	12		27,250	\$54 51	\$68 60	\$5 24	\$73 94
	Aug.			45,789	91 57	75 00	4 80	79 80
	Sept.			32,512	87 03	74 90	4 68	79 58
	Oct.			59,045	118 09	75 00	9 48	84 48
	Nov.			73,535	147 06	75 00	17 64	92 64
	Dec.			92,808	184 01	75 00	21 78	96 78
Joel P. Miller	July	13		92,217	184 43	75 00	9 40	84 40
	Aug.			109,121	218 24	75 00	11 60	86 60
	Sept.			356,238	712 48	75 00	12 60	87 60
	Oct.			304,981	609 86	75 00	12 90	87 90
	Nov.			337,254	674 51	75 00	16 90	91 90
	Dec.			350,971	701 94	75 00	17 00	92 00
William Jenney	July	14		27,610	69 03	68 95	9 68	78 63
	Aug.			40,592	101 48	75 00	17 70	92 70
	Sept.			51,901	129 27	75 00	23 59	98 59
	Oct.			58,680	117 36	75 00	21 71	96 71
	Nov.			74,600	149 21	75 00	32 64	107 64
	Dec.			106,071	212 13	75 00	45 23	120 38
Charles Golling	July	15		2,325	5 67	33 70	4 20	37 90
	Aug.			2,625	5 25	32 50		32 50
	Sept.			8,502	17 01	47 46	7 86	54 82
	Oct.			35,208	70 70	75 00	7 02	82 02
	Nov.			40,673	81 15	75 00	18 14	88 14
	Dec.			29,785	59 57	69 58	4 76	74 61
Jabez Trebilcock	July	16	1,456	37,156	76 31	75 00	51 24	126 24
	Aug.		1,100	59,626	119 37	75 00	41 40	116 40
	Sept.			74,470	148 94	75 00	62 94	137 94
	Oct.			118,350	236 68	75 00	57 01	132 01
	Nov.			147,494	295 60	75 00	63 21	138 21
	Dec.			143,218	286 41	75 00	68 96	143 96
George W. Emery	July	17	13,624	34,376	68 76	74 55	16 00	90 55
	Aug.			55,172	110 34	75 00	27 75	102 75
	Sept.		3,120	44,252	88 50	75 00	12 00	87 00
	Oct.		50	64,530	129 04	75 00	11 50	86 50
	Nov.			62,708	125 46	75 00	12 60	87 60
	Dec.			40,248	80 49	75 00	5 00	80 00
A. G. Smith	July	18		38,871	77 74	75 00	2 50	77 50
	Aug.			21,286	42 56	62 65	2 50	65 15
	Sept.			16,829	33 66	58 18	8 40	66 58
	Oct.			27,895	55 78	69 05	11 70	80 75
	Nov.			73,273	146 55	75 00	12 10	87 10
	Dec.			53,389	106 78	75 00	13 50	88 50
Charles H. Pease	July	19		5,200	10 40	42 82		42 82
	Aug.			6,150	12 30	44 34	13 50	57 84
	Sept.			10,750	21 50	51 40	14 80	66 20
	Oct.			15,130	30 30	56 65	19 70	76 35
	Nov.			22,800	45 60	64 30	9 30	73 60
	Dec.			15,060	30 10	56 55		56 55
Alva L. Coulter	July	20		3,127	6 23	35 50	13 90	49 40
	Aug.			6,295	12 72	44 66	2 30	46 96
	Sept.			12,483	24 96	52 90	19 16	72 06
	Oct.			41,072	82 23	75 00	30 50	106 50
	Nov.			59,129	118 27	75 00	45 10	120 10
	Dec.			24,202	48 40	64 75	6 60	71 35
Leander C. Handy	July	21	520	13,512	27 07	54 16	13 40	66 56
	Aug.			5,772	11 55	43 34	6 10	49 44
	Sept.			21,780	43 50	62 50	20 10	82 60
	Oct.			28,110	56 25	68 50	21 25	89 75
	Nov.		3,442	82,732	165 50	75 00	54 24	129 24
	Dec.		1,144	46,107	92 20	75 00	38 45	111 45
Robert A. Douglas	July	22		4,481	8 96	41 50		41 50
	Aug.			6,668	13 34	44 98		44 98
	Sept.			14,838	28 27	55 00	10 94	65 94
	Oct.			23,543	47 09	64 10	11 19	75 29
	Nov.			31,497	68 00	72 15	14 60	86 75
	Dec.			13,851	26 71	54 28		54 28

ANNUAL REPORT OF THE

RECAPITULATION.

Deputies names.	Dis- tricts.	Gallons re- jected.	Whole No. gallons inspected.	Fees received.	Salary paid.	Expenses paid.	Total expenses.
Theodore M. Wolter	1		1,574,335	\$3,148 74	\$450 00	\$36 75	\$486 75
Conrad Bettinger	2		629,750	1,259 52	450 00	5 25	455 25
Fred Bay	3	4,842	276,328	550 39	431 10	136 69	567 79
E. H. Eggleston	4		232,209	466 33	418 70	98 04	516 74
C. M. Nash	5		465,270	929 81	450 00	52 35	532 35
W. L. George	6	3,361	249,973	499 77	428 92	52 46	481 38
George W. Bunnell	7		1,204,240	2,408 45	450 00	50 45	500 45
A. S. Kedzie	8	3,000	224,598	449 18	487 00	45 05	482 05
W. I. Marble	9	6,179	606,282	1,210 69	450 00	111 70	561 70
Zane B. Cutler	10		242,911	487 11	416 08	27 40	443 48
James L. Gilbert	11	21,598	849,714	1,699 43	450 00	72 20	522 20
E. O. Dewey	12		331,135	662 27	443 50	63 72	507 22
Joel P. Miller	13		1,550,732	3,101 46	450 00	80 40	530 40
William Jenney	14		359,454	778 48	443 95	150 65	594 60
Charles Golling	15		119,628	239 35	383 51	36 48	399 99
Jabes Trebilcock	16	2,556	580,314	1,163 81	450 00	344 76	794 76
George W. Emery	17	16,794	301,286	602 59	449 55	84 85	534 40
A. G. Smith	18		231,543	463 07	414 88	50 70	465 53
Charles H. Pease	19		75,100	150 20	316 06	57 30	373 36
Alva L. Coulter	20		146,308	292 33	347 81	117 56	455 37
Leander C. Handy	21	5,106	198,013	396 07	378 50	150 54	529 04
Robert A. Douglas	22		98,873	187 37	382 01	36 73	398 74
Total		62,696	\$10,542,041	\$31,146 42	\$9,191 57	\$1,893 03	\$11,083 60

OFFICE ACCOUNT.

Receipts and expenditures of office for six months ending December 31, 1893:

RECEIPTS.

Received from deputy inspectors \$31,146 43

DISBURSEMENTS.

State Inspectors' salary \$750 08
 " traveling expenses 124 46
 Postage and stationery 26 56
 Printing 39 00
 Express, freight and cartage 11 35
 Telegraphing and telephoning 11 85
 Deputies salaries 9,191 57
 " traveling expenses 1,893 03
 To balance by cash 9,069 72

\$31,146 42

SUMMARY FOR THE YEAR 1893.

Total number of gallons inspected, 19,326,297.

Total fees collected \$43,107 06
 Total salaries paid deputies 18,296 01
 Expenses paid deputies 3,411 51
 Total expenses paid 21,619 53
 Inspectors' salaries paid 1,500 00
 Total traveling expenses 225 25
 Postage and stationery 40 33
 Printing 41 75
 Express, freight and cartage 13 35
 Telegraphing and telephoning 20 67
 Amount paid into State treasury 19,686 19

I take pride in reporting that, through the wisdom of the legislature of 1893 in amending the law governing the sale and use of illuminating oil in this State, by raising the test, and the efficiency of my deputies in having the law enforced, not a single accident has occurred from oil used for illuminating purposes, and inspected by us. But two accidents have been reported to this office, viz.: 1. An explosion of lamp at home of Isaac Lively, at Antrim, township of Mancelona, county of Antrim; oil bought of Antrim Iron Co., and inspected previous to July 1; building set fire; no lives lost. 2. Two children of John Mannie, aged respectively 2 and 4 years, were burned to death at Osceola Mines, Houghton county; oil was bought of Johnson Vivian, Jr., and inspected in June; had some of the oil re-inspected, which only stood flash test of 106 degrees, Farenheit; have been unable to ascertain definitely whether the fire was caused from explosion or by upsetting of lamp.

The thoroughness and gentlemanly manner of my worthy predecessors in administering the duties of this office has aided me very materially in securing the hearty coöperation of manufacturers and dealers in the enforcement of the law.

The oil now used in this State is of a superior quality and will average from 3 to 5 degrees above what is required by law, which conduces to safety, pleasure and health of consumers.

With the aid of the Hon. S. R. Billings, Railroad Commissioner, and the ready and willing assistance of railroad officials, Sec. 3381 Howell's Annotated Statutes is thoroughly enforced, and every passenger car now run in this State is lighted by oil that will stand a fire test of over 300 degrees Farenheit, which insures to the traveling public comparative safety from the horrible death of being cremated in a burning car. The enforcement of this section has made much extra work for deputies and myself and a little extra expense to the State, but should one life be saved our labors have not been in vain and the State abundantly repaid.

All of which is respectfully submitted.

NEAL McMILLAN,
State Inspector of Illuminating Oils.

RULES TO GOVERN DEPUTY OIL INSPECTORS.

I.

Your special and careful attention is called to act under which you have been appointed, with a view to your instructions upon many points not necessary to be referred to in these rules:

II.

The standard test for illuminating oils in Michigan is anything over 120 degrees Farenheit's thermometer, and all illuminating oil that will bear a flash of over 120 degrees, as shown by the Foster apparatus, can be legally sold in Michigan, and all illuminating oils that will flash at 120 degrees or less, cannot be legally sold or used in this State for illuminating purposes.

III.

Keep a record of each inspection in a book, noting degrees at which flash takes place.

IV.

Section two of law provides that all oil shall be tested by the Foster automatic tester cup, with lighted wick placed inside the tube and under the thimble.

DESCRIPTION OF CUP.

The instrument consists of a copper lamp-furnace containing a water bath and oil cup, the latter surmounted by a closed vapor chamber, which is pierced at two points symmetrically placed for the reception of a thermometer and a flashing-lamp or taper; the apparatus being elliptical in shape, the thermometer is placed in one focus of the ellipse and the flashing-taper in the other. The flashing-taper consists of a small cylindrical wick holder, supported by radical arms to an annular ring, and rests upon a similar ring at the bottom of an open, shallow basin—the spaces between the radical arms giving egress to the oil vapor, while the wick itself extends down into the body of the oil within the cup. An inverted conical thimble, resting upon the rim of the basin, prevents the dissipation of the vapor. The thermometer is mounted in a copper tube,

cut away in front to expose the scale, the bulb of the thermometer, when in position, being within the body of the oil at a definite distance below the surface. An orifice around the tube of the thermometer, definite in diameter and distance above the surface of the oil, allows a downward current of atmospheric air when the flashing-taper is alight.

An index is placed within the water bath and within the oil cup for maintaining uniformity in filling of each.

The heating lamp of the lamp-furnace has its wick adjustable to facilitate uniformity in the rate of heating.

DIRECTIONS FOR USING FOSTER CUP.

1. Remove the thermometer, with its mounting, from the oil cup.
2. Lift off the oil cup containing the flashing-taper, and fill the open water bath with water to mark upon the inside.
3. Now take out the wick-holder from the oil cup and fill this vessel with the oil to be tested, pouring in the oil at the place of the wick holder and noting the gauge mark at the thermometer hole; pour in the oil very gradually as the surface approaches the gauge mark. The gauge mark consists of a small pendant shelf, and the oil cup is properly filled when the upper surface of the oil just adheres to the lower surface of the gauge mark. Too much care cannot be taken at this point; therefore, having ceased pouring, tip the cup so that the oil flows away from the gauge, and then, gradually restoring it to the horizontal, see that the surface again adheres, and add a little more oil if it does not.
4. See that the wick of the flashing taper be adjusted to give a very small flame—a flame that does not exceed one-quarter of an inch in height. A flame that exhibits as much blue at its base as yellow at its top is right.
5. Now set the oil cup on top and into the water bath; return the flashing-taper to its place, inverting the conical thimble around it, and return the thermometer to its place upon the cup. In doing this be sure that the casing of the latter is pushed down upon the cup as far as it will go.
6. Fill the lamp beneath half full of alcohol, light it and put it in its place beneath the water bath. Now note the rate of increase in temperature as shown by the thermometer, and adjust the wick to raise the temperature at the rate of two degrees per minute. When the temperature has reached 100 degrees, light the flashing taper and observe it closely. As soon as the oil under test has reached its "flashing point" the flame of this taper will be extinguished by the first "flash," and the point of attention is to note the temperature at the instant the flame of the taper is extinguished. This "flashing point" is the point of temperature at which the oil generates a vapor, the composition and character of which is that of ordinary illuminating gas. The "flash" indicates that this has formed an explosive mixture with atmospheric air.

V.

In order to produce uniformity in the test of oils with Foster cup, your attention is called to manner of testing oils in cold weather. If you fill your cup up to mark indicated with oil at temperature of 30 degrees Fahrenheit's thermometer, and heat it up to 120 degrees at rate of two degrees per minute, oil will expand about $4\frac{1}{2}$ per cent, and the $8\frac{1}{2}$ ounces which it

takes to fill up to mark will be increased to nearly 9. Vapor will increase correspondingly and oil will flash at about 116 degrees, when same oil would go 123 degrees if filled when at temperature of 60 degrees. Therefore deputies are hereby instructed to begin at all times, when testing oils, with oil at temperature of 60 degrees Fahrenheit.

VI.

Your attention is called to section 4 of law, which requires retail dealers to efface inspection brand on empty barrels before disposing of them, and am in hopes each deputy will take special pains to have the provisions of this section thoroughly understood in your respective districts.

VII.

Fees to be collected by you are one-fifth of one cent for each and every gallon inspected, to be collected and receipt given at time of inspection. Blank receipts will be furnished you from State Inspector's office. When all receipts contained in book are used, return stub to State Inspector.

VIII.

Blank monthly reports will be furnished. Make report to State Inspector promptly at close of each month. Promptness in sending your reports is earnestly requested. Remittances can be made either by draft or certified personal checks.

IX.

The State Inspector enjoins upon each deputy a personal supervision relative to the enforcement of the law, and all violation thereof shall be promptly reported to prosecuting attorney of the county in which violation occurs and all the facts reported to State Inspector. Deputies must exercise diligence to arraign offenders and stop the practice. They must, with strict impartiality, insist upon obedience to law in their respective districts. As the law regarding the inspection of illuminating oils is beneficent, having for its purpose the saving of life and property, and proposes to collect from the dealer and consumer only a sufficient sum to meet the expense of the work of inspection. Hence it should have the approval of all parties, and its provisions should be willingly submitted to without exceptions.

X.

All accidents arising from the use of petroleum and its products as an illuminating fluid shall be investigated, and facts reported to State Oil Inspector.

XI.

Your duties as deputy oil inspector are paramount to all others, and must be promptly attended to that justice may be done dealer and consumer.

XII.

Where the jobber of oil, either through ignorance or carelessness of himself or employes, ships oil which has not be inspected to other points, the dealer so offending should pay all extra expense caused by such mistake.

XIII.

Oil in transit must not be inspected outside of district to which it is destined.

XIV.

No deputy is allowed to reinspect oil that has been inspected by one of the other deputies, unless under special instructions from the State Inspector.

XV.

Every tank, barrel, cask or package of oil must receive a separate inspection.

XVI.

The practice of jobbers in delivering oil to dealers before inspection and branding, in order to save cartage, is in violation of the statute, the delivery thereof constituting *prima facie* evidence of sale.

XVII.

When a retail dealer has received from a jobber a lot of uninspected and unbranded oil, he is not justified in tapping the package or selling therefrom on the assumption that the jobber is alone responsible to the State for the violation of the law. Sale of such unbranded oil makes him liable also; and when he receives it, in order to avoid responsibility, he should promptly notify the deputy inspector that the same is in his possession.

XVIII.

Dealers must place the oil where it is accessible to the inspectors.

It is to be hoped that all dealers and consumers in the State will cheerfully and cordially cooperate with the State Inspector and his deputies in securing universal obedience to the law, and in making its operations so prompt and exact as to work no damage or hardship to any dealer, while at the same time lives and property of our fellow citizens are made more secure.

XIX.

The approved brand must be made with adjustable dates, measuring seven inches from border to border, and with ample margin to protect the barrel from the stencil brush.

XX.

The brand for rejected oil must be square in form, measuring seven inches from border, bearing the name of the inspector, but will not require date.

XXI.

The inspector will adjust the dates so that the brand will show the date of inspection of all oils approved.

XXII.

Brand on the gauge end in bright colors. These brands are your official signature and you cannot permit their use by others. You must brand the barrels yourselves or have it done under your supervision.

XXIII.

Your attention is particularly called to section 8 of the law, which makes it a misdemeanor for any deputy, having a knowledge of the violation of the law, and refusing to prosecute the offenders. Deputies must kindly but firmly insist upon obedience to the law in their respective districts. They should remember, however, that while charged with the duty of prosecuting a willful offender, they can add much to commend the law to the trade, as well as to the general public, by careful and wise administration and by making the provisions of the statute well understood by the dealers.

INSPECTION OF ILLUMINATING OILS.

[Act No. 94, Public Acts of 1893.]

AN ACT to provide for the inspection of illuminating oils manufactured from petroleum or coal oils, and to repeal act number one hundred and twenty-seven, laws of eighteen hundred and seventy-nine, as amended by act number forty-nine of the laws of eighteen hundred and eighty-one, act number twenty of the laws of eighteen hundred and eighty-one, and act number seventy-one, laws of eighteen hundred and ninety-one.

SECTION 1. *The People of the State of Michigan enact*, That the Governor shall appoint a suitable person, resident of this State, who is not interested in manufacturing, dealing in, or vending any illuminating oils manufactured from petroleum, as State Inspector of Oils, whose term of office shall be two years from the date of appointment, or until his successor shall be appointed and shall qualify. It shall be the duty of said State Inspector, or his deputies hereinafter provided, to examine and test the quality of all such oils offered for sale by any manufacturer, vendor or dealer, and if, upon such testing or examination, the oils shall meet the requirement hereinafter specified, he shall fix his brand or device, viz.: "Approved," with the date over his official signature, upon the package, barrel or cask containing the same. Should oil so tested or examined be contained in tank cars it shall be the duty of the inspector or one of his deputies, upon finding the oil so contained to meet the requirements hereinafter specified to furnish the owner of such oil with a certificate, either written or printed, or partly written and partly printed, and signed by such Inspector or one of his deputies, who shall inspect such oil, which certificate shall state the number and letters or other marks of designation of the tank car inspected, the number of gallons of oil contained in it, the date of inspection, the name of the owner, the city or town in which such tank car was inspected, the temperature at which the oil emitted an inflammable vapor, and that such oil is "approved." Upon each barrel or cask drawn from such tank car and offered for sale the same brand or device shall be affixed as is required for oil inspected in barrels or casks.

And to more effectually carry out the provisions of this act, it shall be lawful for the State Inspector, or his deputies, to enter into or upon the premises of any manufacturer, vendor or dealer of said oils, and if they shall find or discover any kerosene oil, or any other product of petroleum intended for sale or use for illuminating purposes that has not been inspected and branded according to the provisions of this act, they shall proceed to inspect and brand the same. And it shall be lawful for any

manufacturer, vendor or dealer to sell the oil so tested and approved as an illuminator; but if the oil or other product of petroleum so tested shall not meet said requirements, he shall mark in plain letters on said package, barrel or cask, over his official signature, the words: "Rejected for illuminating purposes." And any oil contained in tank cars which shall fail to meet said requirements, shall be rejected by the inspector or his deputy, and a written notice stating number and letters or other marks of designation of the tank car so rejected, date and place of inspection, and that the oil has been "rejected for illuminating (purposes) purpose," which notice signed by the Inspector or deputy, shall be placed in the hands of the owner of such oil, and it shall be unlawful for the owner thereof to sell such oil or other product of petroleum for illuminating purposes, and if any person shall sell or offer for sale such rejected oil or other product of petroleum for such purpose he shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be subject to a fine not exceeding three hundred dollars, or by imprisonment in the county jail not more than one year, or both such fine and imprisonment in the discretion of the court. It shall be the duty of the State Inspector of Oils to supervise the use of all oils used on railroad trains for illuminating purposes, and to enforce section three thousand three hundred eighty-one of Howell's Annotated Statutes*, and it shall be the duty of the State Inspector of Oils and the deputy inspectors to inspect all oils used on railroad trains for illuminating purposes.

SEC. 2. The State Inspector provided for in this act is hereby empowered to appoint a suitable number of deputies: *Provided*, That the number of said deputies so appointed shall not exceed twenty-two, which deputies are hereby empowered to perform the duties of inspection and shall be liable to the same penalties as the State Inspector: *Provided*, That the State Inspector may remove any of said deputies for reasonable cause. It shall be the duty of the inspector and his deputies to provide themselves at their own expense with the necessary instruments and apparatus for testing the quality of said illuminating oils, and when called upon for that purpose to promptly inspect all oils hereinbefore mentioned, and to reject for illuminating purposes all oils which will emit a combustible vapor at a temperature of one hundred and twenty degrees of Fahrenheit's thermometer: *Provided*, The quantity of oil used in the flash test shall not be less than half pint. The oil tester adopted shall be the Foster automatic tester cup, with the lighted wick placed inside the tube, and under the thimble which shall be used by the inspector and his deputies.

SEC. 3. Every person appointed State Inspector shall, before he enters upon the discharge of the duties of this office, take an oath or affirmation prescribed by the constitution and laws of this State, and shall file the same in the office of the Secretary of State. The State Inspector shall execute a bond to the State of Michigan in such sum and with such surety as shall be approved by the Secretary of State, conditioned for the faithful performance of the duties imposed upon him by this act, which bond shall be for the use of all persons aggrieved by the acts or neglect of said inspector or his deputies, and the same shall be filed with the Secre-

* Howell's Annotated Statutes, § 3381. Added, Ib. Sec. 19. No passenger car on any railroad shall be lighted by naphtha, or by any illuminating oil or fluid made in part of naphtha, or wholly or in part from coal oil or petroleum, or other substance or material which will ignite at a temperature of less than three hundred degrees Fahrenheit. Any railroad corporation which violates the provisions of this section shall forfeit a sum not exceeding five hundred dollars.

tary of State. The deputy inspector shall, before he enters upon the duties of his office, take an oath, and file such bond with like conditions as is required of the State Inspector, said bond to be in such sum as shall be required by the State Inspector, with two sureties to be approved by the State and Inspector and by the judge of probate, and file such oath and bond with the clerk of the county in which such deputy inspector resides. Such deputy shall also forward the county clerk's certificate of such filing to said State Inspector. Said inspector shall collect one-fifth of a cent for each and every gallon of oil inspected, and he shall pay over to the State Inspector, at the commencement of each month, all the moneys received by him for inspection; and in any case of inspection or branding, said fee shall be a lien on the oil so inspected. It shall also be the duty of every inspector or deputy inspector to keep a true and accurate record of all oils so inspected and branded by him, which record shall state the date of inspection, the number of gallons rejected, the number of gallons approved, the number of gallons inspected, the number and kind of tanks, barrels, casks or packages, the name of the person for whom inspected, and the money received for such inspection, and said record shall be open to the inspection of all persons interested.

It shall also be the duty of every deputy inspector, at the commencement of each month, to forward to the State Inspector and Board of State Auditors, true duplicate copies of such record for the preceding month. In the month of January, in each year, the State Inspector shall make and deliver to the Governor of the State and to the State Board of Health, annual duplicate reports of the inspection by himself and deputies during the preceding calendar year. All illuminating oils manufactured or refined in this State shall be inspected before being removed from the manufactory or refinery; and if any person or persons, whether manufacturer, vendor or dealer, shall sell, or attempt to sell, to any person in this State, any illuminating oils, whether manufactured in this State or not, before having the same inspected as provided in this act, he shall be deemed guilty of a misdemeanor and he shall be subject to a fine in any sum not exceeding three hundred dollars; and if any manufacturer, vendor or dealer, in either or any of said illuminating oils, shall falsely brand the package, cask or barrel containing the same, as provided in sections one and two of this act, or shall use packages, casks or barrels having the inspector's brand thereon, without having the oil inspected, he shall be deemed guilty of a misdemeanor and shall be subject to a fine in any sum not exceeding three hundred dollars, nor less than one hundred dollars, or be imprisoned in the county jail not exceeding six months, or both, at the discretion of the court.

SEC. 4. No person selling or dealing in illuminating or heating oils, produced from petroleum, shall sell or dispose of any empty kerosene barrel, cask or package, before thoroughly canceling, removing or effacing the inspection brand on the same, and no person shall knowingly use any illuminating oil or product of petroleum for illuminating (purposes) purpose before the same has been inspected and approved by the State Inspector of Oils or his deputy. Any person violating any of the provisions of this section shall be punished by a fine not exceeding ten dollars, or by imprisonment in the county jail not exceeding thirty days, or by both such fine and imprisonment, in the discretion of the court.

SEC. 5. No person shall adulterate with benzine or other substance for the purpose of sale or for use, any kerosene oil to be used for lighting or

heating in such a manner as to render it dangerous to use; nor shall any person knowingly sell or offer to sell, or knowingly use such adulterated oils; nor shall any person knowingly sell or offer for sale, or knowingly use any coal or kerosene oil or any products of petroleum for illuminating or heating purposes which, by reason of being adulterated, or for any other reason, will emit a combustible vapor at a temperature less than one hundred and twenty degrees of Fahrenheit's thermometer, where tested as provided in section two of this act: *Provided*, That the quantity used in the test shall not be less than one-half pint: *And further provided*, That the gas or vapor from said oils may be used for illuminating purposes when the oils from which said gas or vapor is generated are contained in closed reservoirs outside the building illuminated or lighted by said gas. Any person violating the provisions of this section shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof, be punished by imprisonment in the county jail not more than one year, or by fine not exceeding four hundred dollars, or by both such fine and imprisonment in the discretion of the court: *Provided*, That nothing in this act shall be so construed as to prevent the use in the street or other open air lamps, or in stoves for heating purposes, of the lighter products of petroleum, such as gasoline, benzine, benzole or naphtha.

SEC. 6. The State Inspector shall receive an annual salary of fifteen hundred dollars. He shall also be allowed such further sum as he may actually and necessarily expend in traveling expenses and prosecutions incurred in the discharge of his duties. Each deputy inspector shall be entitled to a salary, payable monthly, the amount of each salary to be determined by the number of barrels containing not less than fifty gallons actually inspected by such deputy inspector during the month as follows: For each of the first ten, one dollar each; for each of the second ten, seventy-five cents each; for each of the third ten, sixty cents each; for each of the fourth ten, fifty cents; for each of the fifth ten, forty cents; for each of the sixth ten, thirty cents; for each of the seventh ten, twenty-five cents; for each of the eighth ten, twenty cents; for each of the ninth ten, fifteen cents; for each of the tenth ten, ten cents; for each of the second hundred, eight cents; for each of the third hundred, six cents; for each in excess of three hundred, five cents: *Provided*, That in no case shall any deputy inspector receive more than seventy-five dollars in any amount as such salary. Said deputy inspector shall also be entitled to and allowed all actual and necessary expenses for railroad, stage and steamboat fares incurred in the discharge of his duties as such deputy inspector. All salaries and expenses provided for in this act shall be retained by the State Inspector out of the moneys received for inspection of oil, and accounted for and paid out by him as provided in this act: *Provided*, That in case the amount of money received for the inspection of oils according to the provisions of this act, shall not be sufficient to pay the compensation and expenses of the inspector and his deputies, as provided herein, the amount of such deficiency shall be allowed by the Board of State Auditors and paid out of the general fund of the State treasury.

SEC. 7. The State Inspector shall render to the Board of State Auditors, quarterly, a detailed account of all the receipts and disbursements of his office, to be audited and allowed them if found correct; and at the end of the year, any surplus shall be paid into the State treasury.

SEC. 8. It shall be the duty of the State Inspector, or any deputy inspector, who shall know of the violation of any of the provisions of this

act, to enter complaint before any court of competent jurisdiction against any person so offending, and in case the State Inspector or deputy inspector, having knowledge of the violation of the provisions of this act, shall neglect to enter complaint as required by and provided for in this section, he shall be deemed guilty of a misdemeanor.

SEC. 9. It shall be the duty of all prosecuting attorneys to represent and prosecute in behalf of the people, within their respective counties, all cases of offenses arising under the provisions of this act.

SEC. 10. No inspector or deputy inspector shall, while in office, traffic directly or indirectly in any article which he is appointed to inspect. For the violation of any of the provisions of this act he shall be liable to a penalty not to exceed three hundred dollars.

SEC. 11. It shall be the duty of the Governor to remove from office, and to appoint a competent person in the place of any inspector who is unfaithful to the duties of his office.

SEC. 12. Act number one hundred and twenty-seven, laws of eighteen hundred and seventy-nine, as amended by act number forty-nine of the laws of eighteen hundred and eighty-one, act number twenty of the laws of eighteen hundred and eighty-three, and act number seventy-one of the laws of eighteen hundred and ninety-one, are hereby repealed.

This act is ordered to take effect July 1, eighteen hundred ninety-three.

Approved May 23, 1893.



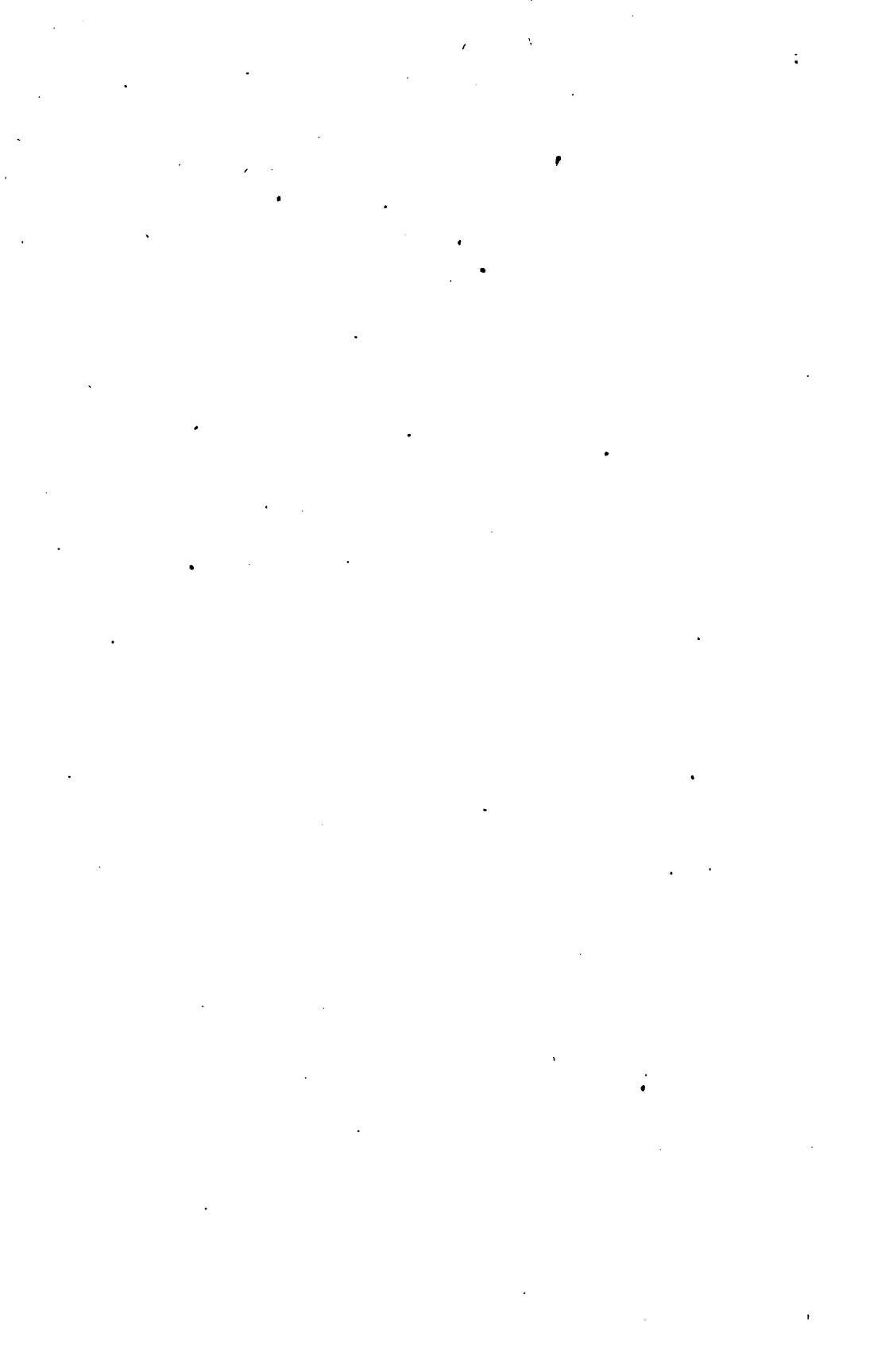
TWENTY-THIRD ANNUAL ABSTRACT
OF THE
REPORTS
OF THE
SUPERINTENDENTS OF THE POOR
IN THE
STATE OF MICHIGAN.

COMPILED UNDER THE SUPERVISION OF
WASHINGTON GARDNER, *Secretary of State.*
JUNE 30, 1898.



BY AUTHORITY

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1894



ABSTRACT.

TABLES I. TO XII., INCLUSIVE,

EXHIBIT A

AND.

SCHEDULES A AND B.

CONTENTS.

The distinction between county and township poor.

Total area and area of improved land in county poor farms, and the title by which the farms are held.

EXHIBIT A.—Statements concerning paupers and indigent persons, for the years 1893, 1892, 1891, 1890 and 1889.

TABLE I.—The average number, whole number, number of each sex, and number under sixteen years of age, and the whole number and average number each of the insane, idiotic, blind and mute paupers maintained in the poorhouses.

TABLE II.—Nationalities of paupers.

TABLE III.—The number of births, illegitimate births, and deaths at the poorhouses, the number of persons temporarily relieved, and the number of permanent paupers maintained outside the poorhouses; the number of poor persons supported at public institutions, and the number of different persons who have received assistance in any form.

TABLE IV.—Causes of pauperism of inmates of the poorhouses.

TABLE V.—Causes of indigency of the families relieved outside the poorhouses.

TABLE VI.—Whole amount expended in the care and support of the poor; amounts paid from the poor funds and from other funds.

TABLE VII.—Poorhouse and poor-farm expenses.]

TABLE VIII.—Average cost of each pauper in the poorhouses, and average cost per week of each pauper maintained in the poorhouses.

TABLE IX.—Expenditures for temporary relief and for maintenance of permanent paupers outside the poorhouses.

TABLE X.—Amounts paid for official services in relation to the poor; amounts paid for maintenance of poor persons at public institutions.

TABLE XI.—Value of paupers' labor and of farm products; per cent of value of products to capital invested.

TABLE XII.—Value of farms and appurtenances; interest on capital invested.

SCHEDULE A.—Statements relative to the poorhouses, and treatment, care, etc., of inmates.

SCHEDULE B.—List of superintendents, by counties.



MICHIGAN,
DEPARTMENT OF STATE,
Lansing, April 5, 1894. }

Hon. John T. Rich, Governor of the State of Michigan:

SIR—As required by law, I submit herewith the Twenty-third Abstract of the Reports of the Superintendents of the Poor, it being for the year ending June 30, 1893.

Very respectfully,

WASHINGTON GARDNER,

Secretary of State.

THE DISTINCTION BETWEEN COUNTY AND TOWNSHIP POOR.

Counties, so far as reported, in which a distinction is made between county and township poor :

Delta,	Kent,	Mackinac,	Otsego,
Ionia.	Keweenaw,	Mason,	Ottawa,
Jackson.	Lenawee,	Newaygo,	Saginaw.
Kalkaska,	Livingston,	Ontonagon,	

Counties, so far as reported, in which no distinction is made between county and township poor :

Alcona,	Clare,	Lake,	Oceana,
Allegan,	Clinton,	Lapeer,	Osceola,
Alpena,	Crawford,	Leelanau,	Oscoda,
Antrim,	Dickinson,	Luce,	Roscommon,
Baraga,	Eaton,	Manistee,	Sanilac.
Barry,	Emmet,	Marquette,	Schoolcraft,
Bay,	Genesee,	Mecosta,	Shiawassee.
Benzie,	Gladwin,	Menominee,	St. Clair,
Branch,	Gratiot,	Missaukee,	Tuscola,
Charlevoix,	Hillsdale,	Montcalm,	Van Buren.
Cheboygan,	Huron,	Oakland,	Wexford.
Chippewa,	Iron,		

Counties from which no report has been received relative to the distinction between county and township poor :

Alger,	Houghton,	Macomb,	Ogemaw,
Arenac,	Ingham,	Midland,	Presque Isle,
Berrien,	Iosco,	Monroe,	St. Joseph,
Calhoun,	Isabella,	Montmorency,	Washtenaw,
Cass,	Kalamazoo,	Muskegon,	Wayne.
Grand Traverse,			

ACRES IN COUNTY POOR FARMS.

Total area and area of improved land in county poor farms, and the title by which the farms are held.

State and counties.	Acres in farms.	Acres improved.	Title.
State	a 9,205	a 6,846	
Alcona.....	80	40	Fee simple.
Allegan.....	180	130	Fee simple.
Alpena.....	35	20	Fee simple.
Antrim.....	140	65	Fee simple.
Barry.....	100	80	Fee simple.
Bay.....	120	120	
Berrien.....	194	160	
Branch.....	140	105	Fee simple.
Calhoun.....	140	130	Fee simple.
Cass.....	280	250	Fee simple.
Chippewa.....	100	66	Fee simple.
Clare.....	51	26	Fee simple.
Clinton.....	75	75	Fee simple.
Delta.....	120	25	Fee simple.
Eaton.....	200	40	
Emmet.....	80	20	Fee simple.
Genesee.....	103	103	Fee simple.
Gladwin.....	180	85	Fee simple.
Gogebic.....	160	50	Fee simple.
Gratiot.....	180	120	Fee simple.
Hilldale.....	200	175	Fee simple.
Houghton.....	289	100	Fee simple.
Huron.....	200	160	Fee simple.
Ingham.....	120	110	Fee simple.
Ionia.....	158	120	Fee simple.
Iron.....	40	4	Fee simple.
Isabella.....	160	140	Fee simple.
Jackson.....	160	140	Fee simple.
Kalamazoo.....	173	162	Fee simple.
Kent.....	146	146	Fee simple.
Lake.....	80	45	Fee simple.
Lapeer.....	140	128	Fee simple.
Leanssee.....	154	154	Fee simple.
Livingston.....	215	140	Fee simple.
Loce.....	5	5	Fee simple.
Mackinac.....	80	24	
Macomb.....	130	130	Fee simple.
Manistee.....	120	60	Fee simple.
Marquette.....	20	3	Fee simple.
Mason.....	120	90	Fee simple.

a Exclusive of Iosco and Ogemaw counties, from which no reports of area have been received.

ACRES IN COUNTY POOR FARMS.

Total area and area of improved land and title by which held.—CONTINUED.

Counties.	Acres in farms.	Acres improved.	Title.
Macosta	35	35	Fee simple.
Midland	142	120	Fee simple.
Missaukee	160	75	.....
Monroe	225	210	Fee simple.
Montcalm	120	120	Fee simple.
Muskegon	30	25	Fee simple.
Newaygo	140	110	Fee simple.
Oakland	125	125	Fee simple.
Oceana	120	90	Fee simple.
Ontonagon	200	65	Fee simple.
Oscoda	220	120	Fee simple.
Otsego	240	90	Fee simple.
Ottawa	225	180	Fee simple.
Saginaw	124	100	Fee simple.
Sanilac	120	120	Fee simple.
Shiawassee	80	70	Fee simple.
St. Clair	200	200	Fee simple.
St. Joseph	196	170	Fee simple.
Tuscola	160	110	Fee simple.
Van Buren	122	160	Fee simple.
Washtenaw	127	115	Fee simple.
Wayne	440	400	.....
Wexford	160	90	.....

ABSTRACT OF REPORTS.

EXHIBIT A.

*Statements concerning the paupers and indigent persons in Michigan for the years ending June 30, 1893, 1892, 1891, 1890 and 1889.**

	1893.	1892.	1891.	1890.	1889.
<i>Paupers maintained in the poorhouses:</i>					
Average number	2,277.12	2,174.77	2,092	2,058	2,300.13
Whole number	5,597	5,110	5,265	4,910	4,847
Number of males	4,154	3,743	3,373	3,343	3,427
Number of females	1,443	1,367	1,890	1,563	1,420
Number under 16 years of age	339	339	394	369	398
Whole number of insane	300	406	320	268	453
Average number of insane	251.66	291.71	238.37	211.27	272.07
Whole number of idiotic	225	243	205	244	276
Average number of idiotic	210.30	226.24	198.23	227.38	236.24
Whole number of blind	69	70	82	82	83
Average number of blind	62.93	63.04	73.50	76.34	68.79
Whole number of mutes	23	31	30	39	35
Average number of mutes	31.65	28.67	28.25	36.98	31.45
Americans	2,794	2,520	2,553	2,335	2,296
English	275	255	292	246	278
Irish	959	814	955	1,032	802
Scotch	126	123	125	104	117
Germans	658	616	570	521	599
French	104	109	116	94	90
Swedes and Norwegians	96	112	114	105	117
Canadians	239	223	221	195	223
Negroes	77	106	59	81	93
Mulattoes	68	15	27	27	24
Indians	1	2	12	10	23
Danes	21	6	19	14	6
Hollanders	44	39	31	35	37
Miscellaneous	122	121	86	62	77
Unknown	2	9	7	16	92
Totals	5,597	5,110	5,265	4,910	4,847
Births	59	76	68	76	63
Illegitimate births	45	60	51	61	58
Deaths	338	396	367	325	308

* For foot notes see tables in reports for the years named.

ABSTRACT OF THE ANNUAL REPORTS OF

EXHIBIT A.—CONTINUED.

	1888.	1892.	1891.	1890.	1889.
<i>Indigent persons assisted outside the poorhouses:</i>					
Temporarily relieved.....	42,485	39,758	40,269	37,049	35,419
Number of permanent paupers maintained outside the poorhouses.....	3,010	3,297	2,870	3,450	2,696
Insane at asylums.....	803	847	873	854	832
Deaf and dumb at School for the Deaf.....	16	23	34	29	21
Blind at School for the Blind.....	8	7	8	10	8
Poor persons at other institutions.....	432	394	368	14	7
Whole number of different persons who have received assistance in any form.....	50,979	48,912	46,536	45,294	43,246
<i>Expenditures—Totals:</i>					
Whole amount expended in the care and support of the poor.....	\$933,699 96	\$933,840 08	\$876,985 46	\$953,744 80	\$991,372 64
Whole amount paid from poor fund.....	674,903 56	670,874 09	681,241 61	596,123 82	653,541 45
Amount paid from other funds.....	267,121 97	262,964 43	242,581 36	253,859 59	239,394 82
Funds from which paid not reported.....	1,774 43				
<i>Poorhouse and poor-farm expenses, exclusive of interest on capital invested:</i>					
Totals.....	\$299,667 02	\$324,625 68	\$255,497 53	\$278,543 87	\$314,309 90
Paid to keepers.....	\$42,648 98	\$42,870 74	\$42,162 58	\$42,582 48	\$41,501 31
Clothing purchased.....	24,972 59	23,598 64	19,716 44	20,123 15	19,581 13
Food purchased.....	74,004 28	70,441 24	64,275 81	59,169 87	61,555 89
Medical attendance and medicines.....	15,837 02	18,085 91	14,061 11	18,409 89	12,208 71
Funeral expenses.....	2,228 04	3,275 86	2,268 64	2,506 90	1,967 03
Transportation of paupers to and from the poorhouses.....	3,108 43	3,451 48	4,096 02	4,065 07	3,859 62
Furniture purchased.....	5,570 63	5,081 35	4,725 92	4,501 75	4,590 47
Labor hired in poorhouses.....	19,479 18	17,493 51	15,878 75	16,067 52	16,399 43
Miscellaneous poorhouse expenses.....	25,958 88	25,016 62	23,424 84	24,052 06	20,107 66
Farms purchased.....	1,575 00	1,915 35	450 00	1,570 00	2,160 00
Buildings erected.....	28,547 06	62,089 95	16,625 39	36,338 85	67,779 41
Buildings repaired.....	14,841 53	10,775 32	10,266 76	9,553 52	16,974 17
Improvement of farms.....	6,992 19	8,998 58	5,697 97	7,556 02	6,293 15
Stock purchased.....	5,087 33	2,750 46	3,718 18	4,047 55	5,774 84
Farm implements purchased.....	4,505 16	3,741 05	3,542 60	3,969 91	4,752 49
Hay, grain and seed purchased.....	5,667 68	6,365 91	5,927 50	6,788 07	6,392 87
Labor hired on farms.....	12,056 83	12,943 06	11,580 75	14,069 61	14,823 50
Miscellaneous expenses.....	7,141 78	6,963 30	7,096 71	7,162 15	7,305 72
Average cost of each pauper in the poorhouses within the year.....	\$58 43	\$63 53	\$48 55	\$56 78	\$64 85
Average cost per week of each pauper maintained in the poorhouses during the year.....	2 50	2 78	2 30	2 60	2 74
Average cost per week of each pauper after deducting value of farms purchased and buildings erected.....	2 25	2 21	2 19	2 24	2 14

COUNTY SUPERINTENDENTS OF THE POOR.

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EXHIBIT A.—CONTINUED.

	1898.	1897.	1896.	1895.	1894.
<i>Expenditures for temporary relief outside the poorhouses:</i>					
Totals.....	\$487,884 83	\$416,104 56	\$424,342 11	\$391,358 14	\$398,301 58
Medical attendance and medicines.....	\$52,985 57	\$31,792 98	\$31,089 21	\$31,000 10	\$76,115 34
Funeral expenses.....	17,373 28	18,402 26	18,661 79	15,882 02	18,435 90
Food purchased.....	218,047 47	199,637 27	211,154 51	196,609 68	198,386 88
Fuel purchased.....	63,121 16	49,097 88	42,797 42	45,501 90	39,564 18
Clothing purchased.....	18,284 24	18,918 02	19,533 11	19,008 78	19,017 07
Miscellaneous expenditures.....	24,094 32	36,643 99	29,756 94	26,410 29	29,534 84
Transportation (anywhere except to and from poorhouses and to and from public institutions).....	18,828 48	12,492 16	10,783 11	9,895 47	12,327 87
Cost of maintaining permanent paupers outside of poorhouses.....	\$31,467 65	\$39,281 27	\$38,790 92	\$29,896 12	\$27,527 55
<i>Other expenditures:</i>					
Totals.....	\$164,680 47	\$158,378 42	\$164,196 30	\$154,388 75	\$150,747 22
Paid superintendents of the poor.....	\$37,268 26	\$37,210 66	\$39,866 02	\$35,840 75	\$35,431 23
Paid supervisors.....	5,775 47	5,218 90	5,174 71	4,736 03	4,538 30
Paid justices of the peace.....	2,299 56	325 18	301 59	229 70	136 15
Paid directors of the poor.....	8,054 60	3,673 28	4,868 79	8,231 08	8,310 82
Paid for transportation to and from and support of insane at asylums.....	108,424 18	108,702 06	109,297 28	100,499 21	99,492 21
Paid for transportation to and from and support of deaf and dumb at School for the Deaf.....	859 77	602 40	384 85	609 27	372 88
Paid for transportation to and from and support of blind at School for the Blind.....	235 03	44 19	47 70	131 84	152 81
Paid for transportation to and from and support of poor persons at other institutions.....	4,106 91	3,161 79	3,061 12	3,940 87	2,216 51
Miscellaneous.....	2,661 69		4,199 28	720 00	96 31
Value of paupers' labor (estimated).....	\$6,465 00	\$7,241 75	\$7,170 00	\$6,540 00	\$7,025 00
Value of all farm products (estimated).....	73,497 93	78,007 40	69,183 83	70,367 54	73,448 56
Value of farm products sold.....	14,069 31	15,510 52	19,106 70	18,343 11	17,470 92
Per cent of value of farm products to capital invested in farms and appurtenances.....	7 24	7 48	7 37	7 38	7 29
Total value of farms and appurtenances.....	\$1,029,058 65	\$1,018,027 55	\$966,020 38	\$991,838 38	\$966,664 67
Value of farms and buildings.....	\$979,538 00	\$914,663 00	\$860,028 00	\$888,735 00	\$856,684 50
Value of live stock.....	51,466 82	48,414 00	49,272 07	54,063 00	55,090 03
Value of farm implements.....	24,452 25	23,001 00	20,907 61	23,749 41	23,178 40
Value of all other property.....	39,607 58	31,949 55	27,812 65	30,235 97	31,711 74
Interest at seven per cent on capital invested in farms and appurtenances.....	\$76,284 11	\$71,261 88	\$67,814 62	\$69,428 84	\$67,666 53

TABLE I.

Showing for the State and counties, the average number, the whole number, the number of each sex, and the number under 16 years of age, of paupers maintained in the poorhouses; and of these the whole number, and the average number that are insane, idiotic, blind and mute, for the year ending June 30, 1893.

State and counties	Paupers maintained in the poorhouses.												
	Average number.	Whole number.	Number of males.	Number of females.	Number under 16 years of age.	Insane.		Idiotic.		Blind.		Mute.	
						Whole number.	Average number.	Whole number.	Average number.	Whole number.	Average number.	Whole number.	Average number.
State	a 2,277.12	5,597	4,154	1,443	339	300	b 251.66	226	c 210.30	60	62.93	33	31.65
Alcona	5.02	10	6	4	3			3	3.				
Alger ¹													
Allegan	45.	88	55	33	14	3	1.	1	1.	1	1.	1	1.
Alpena	6.67	21	16	5									
Antrim		15	12	3	1			4	4.	1	1.	1	1.
Arenac ¹													
Baraga ²													
Barry	17.	28	20	8	1			1	1.	1	1.		
Bay	23.75	36	29	7	1			1	1.	2	2.		
Benzie ²													
Berrien	37.50	65	33	32	5	9	7.30	5	5.	3	2.50	2	2.
Branch	26.	50	23	27	7	6	3.50	1	1.	2	2.		
Calhoun	64.	94	60	34	5	17	13.	3	3.	4	4.	1	1.
Cass	45.15	67	47	20	16	12	10.	17	17.	1	1.	2	2.
Charlevoix	8.	12	5	7	1	3	3.	2	2.				
Cheboygan ³	12.50	38	33	5	4	1		1	1.	1	1.	1	.40
Chippewa	15.	25	27	8		1				2	2.		
Clare	4.81	14	13	1	2			1	.08				
Clinton	27.71	33	15	23	5	3	1.67	12	12.	2	2.	1	1.
Crawford	1.07	3	3										
Delta	9.	25	22	3	1								
Dickinson ¹													
Eaton	36.	46	28	18	4			5	5.	1	1.		
Emmet	2 33	4	4										
Genesee	46.	68	42	26	6	4	4.	9	8.	1	1.	1	1.
Gladwin	3.	16	7	9	8								
Gogebic ⁴													
Gd. Traverse	6.	8	6	2									
Gratiot	28.50	49	32	17	9	4	4.	7	7.	3	3.	2	2.
Hillsdale	63.50	35	50	35	9	15	14.	16	16.	2	1.	1	1.
Houghton	25.	49	39	10	3	4	4.						
Huron	16.28	26	23	3	1			2	2.	2	1.50	1	1.
Ingham	35.	51	32	19	2	2	2.	5	5.	3	3.		
Ionia	43.66	63	33	25	4	2	2.	12	10.	1	1.	1	1.
Iosco	3.25	17	13	4				1	1.	1	1.		

1 No poorhouse.

2 Probably no poorhouse.

3 Building used as poorhouse not owned by county.

4 No report.

a Exclusive of Antrim county, which did not report average.

b Exclusive of Cheboygan, Chippewa, Monroe and Wexford counties, which did not report average

c Exclusive of Mecosta county, which did not report average.

TABLE I.—CONTINUED.

Paupers maintained in the poorhouses.													
Counties.	Average number.	Whole number.	Number of males.	Number of females.	Number under 16 years of age.	Insane.		Idiotic.		Blind.		Mute.	
						Whole number.	Average number.	Whole number.	Average number.	Whole number.	Average number.	Whole number.	Average number.
Iron	9.51	38	34	4	1	1	1.	5	4.	1	1.		
Isabella	14.80	25	17	8	1	3	1.	1	1.				
Jackson	34.50	61	40	21	5	9	6.56	1	1.				
Kalamazoo	52.	89	64	25	9	5	5.			1	1.		
Kalkaska ¹													
Kent	70.	174	127	47	4			3	3.	1	1.		
Keweenaw ²	2.	3	3										
Lake	6.20	20	15	5	9			3	2.50				
Lapeer	36.50	62	34	28	6	1	1.	5	5.			1	1.
Leelanau ¹													
Lenawee	47.81	69	41	28	7	1	.05	1	.24	1	1.	1	1.
Livingston	19.54	27	19	8	2			3	2.49	1	1.		
Lucas	4.05	27	23	4	4	1	.02						
Mackinac	1.10	5	5										
Macomb	33.	143	133	15		8	8.	1	1.	2	2.	1	1.
Manistee	30.	62	41	21	4	4	1.25			1	1.	1	.25
Manitowish ³													
Marquette	32.12	58	52	6		1	1.						
Mason	8.65	20	14	6	5								
Mecona	18.84	43	28	15	8			3					
Menominee	18.74	47	40	7	2	8	1.83	1	1.	1	1.		
Midland	11.	23	16	7									
Missaukee	4.52	10	8	2	1								
Monroe	47.	73	50	23	10	1		6	6.	1	1.		
Montcalm	40.75	66	37	29	16			11	11.				
Montmorency ⁴													
Muskegon	18.	44	29	15	4	6	3.50	2	2.	1	.50		
Newaygo	13.	23	13	10	3								
Oakland	45.78	69	38	31	7	6	5.04	14	13.31	2	2.	1	1.
Oceana	16.59	26	17	9	3	4	1.54	3	2.43	3	2.37	1	1.
Ogemaw	7.	10	9	1	1								
Ontonagon	3.	3	3										
Oscoda	15.73	23	18	5	4	3	3.	5	2.				
Oscoda ¹													
Otsego	4.	12	11	1	1			1	1.				
Ottawa	29.	40	31	9	1	10	8.50	7	6.75			1	1.
Presque Isle ⁴													
Roscommon ⁵													
Saginaw	42.	87	61	26	1	3	3.	10	9.	3	3.		
Sanilac	14.10	27	16	11	4	1	1.	1	1.			1	1.
Schoolcraft	3.	28	27	1	1			1	1.	1	.56		
Shiawassee	32.	55	32	23	8	4	4.	1	1.	1	1.		
St. Clair	59.89	77	49	28	6			2	2.	2	2.	1	1.
St. Joseph	22.	43	22	21	5	3	3.	4	4.	1	1.	1	1.
Tuscola	31.10	49	32	17	11	1	1.	8	7.			1	1.
Van Buren	38.	58	39	19	4			2	2.	2	2.	5	5.
Washtenaw	74.	133	98	35	11	2	2.	2	2.	2	1.50	2	2.
Wayne	578.	2,503	2,023	480	55	127	120.	11	11.	7	5.		
Wexford	8.	16	12	4	3	1							

1 No poorhouse.

2 Building used as poorhouse not owned by county.

3 No report.

4 Probably no poorhouses.

5 No poorhouse. Report for year ending December 30, 1893.

TABLE II.

Showing, for the State and counties, the nationalities of the paupers maintained in the poorhouses during the year ending June 30, 1893.

State and counties.	Americans.*	English.	Irish.	Scotch.	German.	French.	Swedes and Norwegians.	Canadians.	Negroes.†	Mullatoes.‡	Indians.	Danes.	Hollanders.	Miscellaneous.	Unknown.	Totals.
State	2,794	275	950	135	658	104	98	289	77	68	1	21	44	4 122	2	5,567
Alcona.....	6		1		1	1		1								10
Allegan.....	67	2	2	2	8		2	1		2					2	83
Alpena.....	2		5		6	3	2							b 3		21
Antrim.....	8		2	1	2			1			1					15
Barry.....	18	2	4		2			2								25
Bay.....	4	5	6	5	4	5	2							c 5		36
Berrian.....	43	1	5	1	9					1						65
Branch.....	21	3	15	2	7	2										50
Calhoun.....	65	1	11	2	7		1		7							94
Cass.....	48		1		2	1		1	11	3						67
Charlevoix.....	7			1	1		1	2								12
Cheboygan.....	10	1	5	2	5			15								33
Chippewa.....	10	5	9	3				7						d 1		35
Clare.....	5	2	5	2												14
Clinton.....	35		1		2											38
Crawford.....	2		1													3
Delta.....	4		9	2	1		3	6								25
Eaton.....	32	3	6	1	4											46
Emmet.....	3							1								4
Genesee.....	44	8	7		4	1		1	1					e 2		65
Gladwin.....	11	2		1			1	1								16
G'd Traverse.....	1	1	1	1	3			1								8
Gratiot.....	41	4				2		1		1						49
Hillsdale.....	79	1	1	1	1				2							85
Houghton.....	6	3	16		16		1							f 7		49
Huron.....	5	3	6	1		1		5				1		g 4		25
Ingham.....	33	1	5		6							1				51
Ionis.....	45	5	7		5			1								63
Iosco.....	4	4	1		5		2	6								17
Iron.....		2	7	1	5		10	2						h 11		32
Isabella.....	18	2	2					3								25
Jackson.....	41	5	8	2	1	1			2			1				61
Kalamazoo.....	65	4	9	1	5					5						89
Kent.....	57	2	27		11	3	2	3	1				34	g 4		174
Keweenaw.....		1														3
Lake.....	18		1				1									20
Lapeer.....	32	6	4	2	2			15	1							63
Lenawee.....	50	2	7		7	1	1							i 1		69
Livingston.....	18	2	2		3		1							j 1		27
Lucas.....	10	6	2	2	1	2	1	1	1					k 1		27

* Includes all whites born in the United States.

† Includes only those in whom there appears no mixture of white blood.

‡ Includes all those in whom there appears a mixture of white and negro blood.

* Includes 6 Russians, 47 Poles, 22 Italians, 5 half-breed Indians, 18 Finlanders, 2 Austrians, 10 Belgians, 10 Bohemians, 2 Spaniards.

b Russians 2, Poles 1.

c Italians 1, Poles 4.

d Italians.

e Half-breed Indians 1, Italians 1.

f Finlanders.

g Poles.

h Italians 4, Poles 5, Finlanders 2.

i Austrians.

j Belgians.

k Half-breed Indians.

TABLE II.—CONTINUED.

Counties.	Americans.*	English.	Irish.	Scotch.	Germana.	French.	Swedes and Norwegians.	Canadians.	Negroes.†	Mulattoes.†	Indians.	Danes.	Hollanders.	Miscellaneous.	Unknown.	Totals.
Mackinac		1		2		1		1								5
Macomb	104	5	15		12	8		2	2							148
Manistee	19	3	5	1	17	2	14	1								62
Marquette	7		24	2	4	6	8							a 7		58
Mason	10		2		2	2	2	1						a 1		20
Mecona	23	3	1	2	7	1	5		1							43
Menominee	7		2	1	8	1	7					2		b 19		47
Midland	14		1		1		1	6								23
Miscaukee	2		2	2	3								1			10
Monroe	37	1	5		17	18										73
Montcalm	32	1	4		3	1	4	6				15				66
Muskegon	21	6	3		7	2	5									44
Newaygo	20		1				2									23
Oakland	48	5	8	4	5			2	2							69
Oceana	15		4			1	1									26
Ogemaw	1		6	1	1	1										10
Ontonagon	1		1											c 1		3
Osceola	12		2	1	1	3	2	2								23
Otsego	3		2	1	1	2		3								12
Ottawa	18	3	5		5								9			40
Saginaw	42	2	15	1	15			12								87
Sanilac	15	2	3	1	1	1		4								27
Schoolcraft	9	1	12	1	3	4	1									28
Shiawassee	42	3	6	1	3											55
St. Clair	17	6	15	9	14	4		12								77
St. Joseph	35	1	1		4				2							43
Tuscola	40		1	1	1			5				1				49
Van Buren	51		1	1	1				4							58
Washtenaw	71	5	20	2	21			5		8				d 1		133
Wayne	1,070	138	386	65	365	31	11	96	40	48				e 53		2,503
Wexford	5		3				4	4								16

a Finlanders.

b Italians 11, Finlanders 1, Bohemians 2, Belgians 3, Polanders 2.

c Half-breed Indians.

d Italians.

e Italians 3, half-breed Indians 2, Polanders 27, Bohemians 8, Belgians 6, Austrians 1, Spaniards 2, Russians 4.

TABLE III.

Showing for the State and counties, the total number of births, the number of illegitimate births, and the number of deaths at the poorhouses; the number of persons temporarily relieved, and the number permanently maintained outside the poorhouses; the number supported at public institutions, and the whole number of different persons who have received assistance in any form, for the year ending June 30, 1893.

State and counties.	Whole number of births and deaths at the poorhouses.			Number of persons temporarily relieved outside the poorhouses.	Number of permanent persons maintained outside the poorhouses.	Whole number of poor persons supported at public institutions.				Number of different persons who have received assistance in any form during the year.
	Births.	Illegitimate births.	Deaths.			Insane at asylums.	Deaf and dumb at School for the Deaf.	Blind at School for the Blind.	Poor persons at other institutions.	
State	50	45	333	42,485	3,010	808	16	8	432	50,979
Alcona	1	1	1	16	a	1				25
Alger				19	6					25
Allegan	3	2	6	918	5	31				1,006
Alpena			2	450		8				479
Antrim			2	73	12	6				108
Arenac				b	57					57
Baraga				77	20					125
Barry			4	2,089		b				2,104
Bay			1	49		34			5	52
Benzie						8				
Benzie						3				
Benzie						18				228
Barrien	2	2	5	139	6	12				530
Branch	1		1	499	2	19			2	1,536
Calhoun			6	978	469	12				518
Cass			3	447		8				39
Charlevoix	2	1	1	27	10					210
Cheboygan			1	189	100	2			1	154
Chippewa	1	1		115	2	5			1	180
Clare			2	171		16				278
Clinton			1	202	25					37
Crawford				34						
Delta	1	1		154	22	5			50	266
Dickinson				706			1	2		709
Eaton			4	285	6	21				258
Emmet			1	17	12	9				42
Genesee	1	1	13	606	49	19				736
Gladwin			1	116	3	1		1		121
Grand Traverse			7	60		6			1	65
Gratiot			9	101	16	5				129
Hillsdale			2	846	32	6				931
Houghton	3	3	2	420	778	28				1,198
Huron			5	337		5	b	b		362
Ingham	1		9	392		21				443
Ionia	1	1	7	497	15					564
Iosco			4	87		8			b	112
Iron			3	68			1		1	101
Isabella			2	182	2	2		1		212
Jackson	1		5	1,485	37	24	1	1		1,570
Kalamazoo			7	300		27				918
Kalkaska				52	8					60
Kent			15	4,255	525	62				4,429
Keweenaw				11		1				15

a Report shows an expense for temporary relief (see Table IX) but number of persons is not reported.

b Report shows an expense (see Table X) but number of persons is not reported.

TABLE III.—CONTINUED.

Counties.	Whole number of births and deaths at the poorhouses.			Number of persons temporarily relieved outside the poorhouses.	Number of permanent paupers maintained outside the poorhouses.	Whole number of poor persons supported at public institutions.				Number of different persons who have received assistance in any form during the year.
	Births.	Illegitimate births.	Deaths.			Inane at asylums.	Deaf and dumb at School for the Deaf.	Blind at School for the Blind.	Poor persons at other institutions.	
Lake			1	76		2				98
Lapeer			3	422		12	1			497
Leelanau				78		1				79
Leoniaue			7	273		14			a	356
Livingston			4	b		15				b
Luce			2	20	15	2				64
Mackinac				25						30
Macomb			7	775		a				923
Manistee	2	2	5	875		6	3			446
Marquette			2	1,783		39	1			1,891
Mason			2	101	20	2	1			124
Mecosta			3	364		10				417
Menominee	3	3	4	439		23	3	1		513
Midland			3	28	1	9				62
Missaukee	1	1	1	99		3	1			112
Monroe	1		8	535	17	9	a	a		494
Montcalm			7	186		18				270
Montmorency				56						56
Muskegon	2	2	2	1,310		24				1,354
Newaygo			2	206		8			3	239
Oakland	2	1	7	490	2	35				517
Oceana			2	32	2	6				60
Ogemaw			1	33		2				41
Ontonagon				45						48
Oscoda				80		8				103
Oscoda				13		2				15
Otsego			1	17	9					28
Ottawa			3	c 801		12		2		853
Presque Isle				15						15
Rosecommon				d	e 2	2				b
Saginaw			8	987						1,044
Sanilac	1	1	4	490	24	16	1			490
Schoolcraft			6	114	8	a				142
Shiawassee	2	2	f	209	10	14				283
St. Clair	2	2	7	1,434	150	20	2		2	1,585
St. Joseph	1		4	545	8	14				610
Tuscola			2	456		11				516
Van Buren			3	572	30	16				676
Washtenaw	4	4	7	182	36	22				318
Wayne	20	14	83	10,827	523				366	14,224
Wexford			2	136	4	4				144

a Report shows an expense (see Table X) but number of persons is not reported.

b Not reported.

c Includes permanent paupers maintained outside the poorhouse.

d Report shows an expense for temporary relief (see Table IX) but number of persons is not reported.

e "Families."

f Report shows \$41.28 funeral expenses paid (see Table VII) but no deaths are reported.

TABLE IV.

The assigned causes of pauperism, so far as they are reported, of the inmates of the poorhouses, 1893.

Causes of pauperism.	No.	Causes of pauperism.	No.
Intemperance	74	Asthma	5
Delirium tremens	1	Pleurisy	1
Opium habit	2	Quinsy	1
Dissipation	6	Bronchial trouble	1
Seduction	1	Dropsy	8
Prostitution	8	Bright's disease	5
Venerial diseases	4	Heart disease	8
Syphilitic	10	Rheumatism	42
Illegitimacy	8	Lumbago	1
Bad character	7	Paralysis	49
Licentiousness	1	Rickets	1
Unfortunate	6	Insanity	165
Tramps	123	Fits	20
Being incorrigible	7	Epilepsy	58
Laziness	6	Spinal diseases	7
Imprisonment of husband	1	St. Vitus dance	4
Old age	395	Sorofula	3
Old age and sickness	43	Tumor	1
Infirmity	12	Cancer	8
Children	97	Abscess	1
Deserted children	3	Inflammation of bowels	1
Orphanage	7	Erysipelas	3
Returned from State Public School	12	Dysentery	2
Homelessness	245	Blood poisoning	1
Desertion by husbands	5	Hernia	3
Desertion	32	Fever sore	3
Widowhood	5	Chronic diseases	3
Pregnancy	22	Sore eyes	4
Confinement	2	Sore limbs	17
Idiocy	412	Broken arm	1
Incompetency	42	Broken back	1
Being crippled	123	Broken leg	14
Substance wasted	1	Frozen feet and hands	2
Deformity	2	Frozen feet	11
Blindness	63	Frozen fingers	1
Deafness	3	Lameness	13
Being deaf and dumb	15	Loss of limbs	9
Being deaf, dumb and blind	1	Loss of both feet	1
Being dumb	2	Loss of eye	1
Sickness	270	Being burned	1
Fever	1	Injury	23
Typhoid fever	9	Gun shot wound	1
Malarial fever	3	Dog bite	1
La grippe	1	Kleptomaniac	1
Consumption	22	Being out of employment	16
Disease of lungs	9	Nursing inmates	2

TABLE V.

The assigned causes of indigency, so far as they are reported, of families, and persons not members of any family, relieved outside of the poorhouses, 1893.

Cause of indigency.	No.	Cause of indigency.	No.
Intemperance.....	215	Diphtheria.....	9
Intemperance of husbands.....	10	Measles.....	1
Dissipation.....	5	Asthma.....	10
Syphilis.....	2	Consumption.....	61
Prostitution.....	7	Pneumonia.....	1
Venerial diseases.....	3	Diseases of lungs.....	4
Bastardy.....	4	Heart disease.....	6
Lewdness.....	3	Dropsy.....	9
Criminality.....	2	Bright's disease.....	11
Unfortunate.....	1	Diabetes.....	3
Tramps.....	1,370	Rheumatism.....	49
Laziness.....	123	Epilepsy.....	2
Widowhood.....	2,651	Paralysis.....	19
Desertion by husbands.....	276	Fits.....	10
Desertion.....	272	Insanity.....	61
Imprisonment.....	3	Cancer.....	22
Imprisonment of husbands.....	74	Abscess.....	11
Pregnancy.....	1	Tumor.....	1
Confinement.....	7	Hernia.....	11
Old age.....	1,049	Catarrh.....	1
Old age and sickness.....	101	Scrofula.....	1
Infirmity.....	23	Piles.....	1
Orphanage.....	33	Inflammation of bowels.....	1
Children.....	7	Diarrhea.....	1
Family trouble.....	1	Spinal diseases.....	14
Idiocy.....	20	Fever sore.....	3
Incompetency.....	390	Sore limbs.....	4
Poverty and destitution.....	367	Sore eyes.....	5
General debility.....	4	Accident.....	24
Took poison.....	1	Sunstroke.....	4
Being deaf, dumb and blind.....	1	Injury.....	63
Being deaf and dumb.....	5	Loss of limbs.....	42
Deafness.....	1	Broken limbs.....	70
Blindness.....	142	Broken back.....	1
Death.....	90	Being crippled.....	388
Sickness.....	4,325	Loss of property.....	22
La grippe.....	7	Being out of employment.....	253
Fever.....	26	Frozen.....	2
Typhoid fever.....	21	Frozen limbs.....	1
Scarlet fever.....	3	Transportation.....	45

TABLE VI.

Showing, for the State and counties, the whole amount expended in the care and support of the poor, the amounts paid from the poor funds and the amounts paid from all other funds, for the year ending June 30, 1893.

State and counties.	Whole amount expended.	Paid from poor funds.	Paid from other than poor funds.	Funds from which paid not reported.
State.....	\$988,699 96	\$674,808 56	\$257,121 97	\$1,774 43
Alcona.....	\$3,025 47	\$3,025 47		
Alger.....	1,490 67	1,124 67	375 00	
Allegan.....	16,724 43	11,069 38	5,655 05	
Alpena.....	16,887 76	6,799 56	10,088 20	
Antrim.....	7,478 58	6,379 96	1,098 62	
Arenac.....	1,259 95			\$1,259 95
Baraga.....	4,895 06	4,671 06	225 00	
Barry.....	6,050 81	4,882 57	1,217 94	
Bay.....	18,696 29	13,153 17	5,543 12	
Benzie.....	2,452 36	1,744 49	717 87	
Berrien.....	7,817 11	5,783 84	2,033 27	
Branch.....	8,321 49	6,212 76	2,108 73	
Calhoun.....	23,506 53	19,324 36	4,184 17	
Cass.....	11,899 98	10,232 07	1,537 91	
Charlevoix.....	3,090 45	2,260 45	740 00	
Cheboygan.....	8,410 73	7,140 48	1,270 25	
Chippewa.....	6,978 82	6,228 82	750 00	
Clare.....	2,735 29	1,976 40	758 89	
Clinton.....	10,204 18	8,247 54	1,956 64	
Crawford.....	625 04	625 04		
Delta.....	8,712 84	7,627 09	1,085 75	
Dickinson.....	11,323 00	10,394 57	1,028 43	
Eaton.....	6,229 89	4,222 84	2,007 05	
Emmet.....	2,592 10	1,526 91	1,065 19	
Genesee.....	14,905 58	11,360 92	3,544 66	
Gladwin.....	1,788 47	1,504 96	283 52	
Grand Traverse.....	2,395 71	1,506 34	879 87	
Gratiot.....	8,598 81	7,574 25	1,024 56	
Hillsdale.....	7,450 86	5,780 91	1,678 45	
Houghton.....	34,989 85	34,989 85		
Huron.....	5,476 81	5,188 11	1,288 20	
Ingham.....	9,284 59	4,731 99	4,552 60	
Ionia.....	5,547 95	3,146 72	2,401 23	
Iosco.....	7,642 90	5,880 45	1,762 37	
Iron.....	7,687 69	7,687 69		
Isabella.....	6,214 19	5,721 27	492 92	
Jackson.....	14,584 81	11,288 57	3,296 24	
Kalamazoo.....	15,129 09	14,179 09	950 00	
Kalkaska.....	1,655 42	1,552 67	101 75	
Kent.....	60,553 35	47,226 36	13,627 00	
Keweenaw.....	1,310 80	680 30	1,130 50	
Lake.....	2,214 45	2,214 45		
Lapeer.....	10,529 49	8,419 20	2,110 29	
Leelanaw.....	1,286 37	1,731 27	155 00	
Lenawee.....	23,502 04	19,585 88	3,916 16	
Livingston.....	5,087 00	3,223 74	1,784 26	
Luce.....	1,981 93	1,515 62	466 31	
Mackinac.....	1,263 52	1,022 51	240 00	
Macomb.....	11,051 74	9,232 07	1,819 67	
Manistee.....	14,482 61	12,718 50	1,764 11	

TABLE VI.—CONTINUED.

Counties.	Whole amount expended.	Paid from poor funds.	Paid from other than poor funds.	Funds from which paid not reported.
Marquette	\$49,107 52	\$43,512 17	\$5,595 35	.....
Mason	4,699 22	4,699 22	.....	.....
Mecosta	6,016 07	4,294 62	1,721 45	.....
Menominee	16,537 79	13,214 80	3,322 99	.....
Midland	3,093 26	2,304 81	788 45	.....
Missaukee	3,390 59	1,482 79	1,907 80	.....
Monroe	10,167 23	7,618 04	2,549 19	.....
Montcalm	10,837 90	7,776 21	3,061 69	.....
Montmorency	1,479 39	988 39	490 00	.....
Manitowish	25,928 61	8,961 56	16,967 05	.....
Newaygo	4,726 95	3,367 75	1,359 20	.....
Oakland	11,674 05	8,296 58	3,377 47	.....
Oceana	5,340 35	4,625 18	715 17	.....
Ogemaw	1,861 73	1,309 22	552 51	.....
Ontonagon	3,297 29	3,047 29	250 00	.....
Oscoda	5,169 17	3,942 36	1,226 81	.....
Oscoda	743 63	412 14	331 49	.....
Otsego	1,908 98	1,908 98	.....	.....
Ottawa	11,376 58	8,786 32	2,590 26	.....
Presque Isle	514 43	.....	.....	\$514 43
Rosecommon	2,022 82	1,837 68	185 14	.....
Saginaw	23,944 60	7,538 69	16,405 91	.....
Sanilac	6,920 59	5,327 76	1,592 83	.....
Schoolcraft	5,353 30	4,094 07	1,259 23	.....
Shiawassee	9,923 93	9,747 23	176 70	.....
St. Clair	24,873 94	19,725 10	5,148 84	.....
St. Joseph	21,796 04	10,342 28	11,453 76	.....
Tuscola	8,577 86	8,917 67	1,660 19	.....
Van Buren	13,298 87	11,576 43	1,722 44	.....
Washtenaw	a 8,327 67	5,110 98	3,216 69	.....
Wayne	154,866 34	83,689 94	71,176 40	.....
Wexford	5,469 33	4,008 45	1,460 88	.....

a Exclusive of amounts expended by poormasters of Ann Arbor and Ypsilanti. The total amount expended by these officers during the year ending September 30, 1892, was \$1,461.54.

TABLE VII.—Showing, for the State and counties, the poorhouse

Number.	State and counties.	Totals of poorhouse and poor-farm expenses.	Poorhouse expenses.						
			Paid to keepers.	Clothing purchased.	Food purchased.	Medical attendance and medicines.	Funeral expenses.	Transportation of paupers to and from the poorhouses.	Furniture purchased.
	State	\$299,667 03	\$42,648 96	\$24,972 59	\$74,004 28	\$15,887 02	\$2,228 04	\$3,108 48	\$5,570 63
1	Alcona	\$1,191 32	a	\$72 78	\$929 25	\$23 45			\$5 61
2	Allegan	5,796 48	\$550 00	494 15	1,136 58	799 21	\$39 75	\$69 60	174 80
3	Alpena	11,436 50	600 00		1,435 12	440 00	174 40		615 28
4	Antrim	4,170 60	498 75	171 40	434 16	86 83	12 50	18 00	54 68
5	Barry	1,575 71	365 00	286 32	198 90	110 99	30 00	10 00	
6	Bay	3,724 97	700 00	433 57	1,038 20	12 55			165 13
7	Berrien	3,252 55	650 00	234 78	348 44	129 83	21 50	24 65	34 82
8	Branch	2,871 90	646 35	293 83	492 97	76 54	15 00	22 75	32 98
9	Calhoun	7,796 61	600 00	2,327 31	2,701 78	317 48	72 00	29 01	61 50
10	Case	3,384 70	600 00	626 13	686 24	42 75	30 50	10 00	
11	Charlevoix	a	a	a	a	a	a	a	a
12	Cheboygan	2,340 18	293 00	208 98	1,093 26	269 34	11 00	12 50	56 00
13	Chippewa	2,735 41	875 00	230 63	695 25	246 45		44 50	
14	Clare	1,404 22	628 48	43 66		202 00	28 00	22 66	
15	Clinton	2,951 05	500 00	285 53	647 34	86 03	15 00	4 50	50 09
16	Crawford	132 89	107 15	9 25					
17	Delta	1,522 30	360 00	68 30	282 59			6 60	17 90
18	Eaton	2,626 34	800 00	841 87	616 67	48 85	\$7 00	42 50	21 00
19	Emmet	331 90	295 80	16 10		15 00			
20	Genesee	2,744 05	600 00	306 11	416 80	343 05	42 00	20 74	
21	Gladwin	744 74	a	10 58	433 05	112 00	18 00	54 25	
22	G'd Traverse	820 32	b 741 71		29 51	10 50			
23	Gratiot	4,397 89	2,671 87	65 00	300 43	159 62	75 00	71 18	10 00
24	Hillsdale	3,293 20	1,200 00	325 02	374 24	144 88	30 00	52 51	142 46
25	Houghton	5,211 63	1,000 00	244 76	2,380 90	745 60	10 00	12 00	
26	Huron	2,151 08	400 00	171 56	494 98	106 13	57 50	28 26	88 25
27	Ingham	3,382 26	466 04	300 37	550 34	118 45	31 50	4 60	200 48
28	Ionis	2,425 61	766 66	251 72	532 39	122 25		21 75	59 10
29	Iosco	2,052 32	a	25 00	1,546 07	c 473 75		7 50	
30	Iron	3,757 94	440 00	182 90	2,368 90	498 89	58 50	36 50	56 00
31	Isabella	2,012 36	595 00	266 57	158 32	100 00		36 85	
32	Jackson	4,590 14	875 00	344 59	694 44	94 25	22 00	9 00	138 71
33	Kalamazoo	4,035 48	600 00	275 20	480 73	198 67	64 70	45 70	98 25
34	Kent	7,052 59	1,000 00	1,417 90	2,162 38	177 87	111 50		
35	Keweenaw	609 30	456 00	24 30		50 00	19 00		
36	Lake	1,073 99	600 00	31 15	61 81	228 23	18 00	6 50	
37	Lapeer	3,927 15	649 99	510 88	838 41	319 84	56 00	50 16	48 18
38	Lenawee	6,307 89	1,259 69	188 23	1,494 58	200 90	12 50		19 20
39	Livingston	2,992 09	875 00	827 71	791 17	150 70	80 00	6 00	111 26
40	Luce	744 88	220 70	19 05	342 38		27 00		19 43
41	Mackinac	420 23	120 00	22 70	188 90				
42	Macomb	4,533 21	750 00	216 86	940 88	318 59	1 00	25 46	76 50
43	Manistee	6,934 08	800 00	444 99	1,697 39	202 95	46 86		139 86
44	Marquette	4,822 09	900 00	255 07	1,512 26	691 90	25 00	25 15	87 96
45	Mason	2,078 98	600 00	63 72	350 88	120 00	15 00		

a See schedule "A."

b Boarding paupers.

c Includes medical attendance outside of poorhouse.

d Some repairs made on poorhouse by supervisors, but amount paid not known.

and poor-farm expenses during the year ending June 30, 1893.

		Poor farm expenses.									Number.
Labor hired.	Miscellaneous.	Farms purchased.	Buildings erected.	Buildings repaired.	Improvement of farms.	Stock purchased.	Farm implements purchased.	Hay, grain and feed purchased.	Labor hired.	Miscellaneous.	
9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	
\$19,479 18	\$25,958 88	\$1,575 00	\$28,547 06	\$14,841 58	\$6,992 19	\$5,037 33	\$4,506 16	\$5,667 68	\$12,066 83	\$7,141 78	
553 77	773 20		3388 86 8,151 70	468 06	138 47 83 15	777 00	230 254 85	771 38	518 00	221 46 96 60	1
48 85	289 13	1,400 00			481 91	67 50	75 57	73 15	82 81	407 81	2
119 00	98 00			36 40		50 00		40 50	180 73	99 57	3
141 00	168 02			136 21	164 10	20 00	312 57	40 00	315 87	82 75	6
280 11			43 75	285 71	451 71	31 00	97 65	42 36	394 30	207 44	7
58 35	564 45			109 06	24 98	180 75	9 72	164 64	77 15	102 41	8
178 81				665 66		43 00	136 40	170 81	492 92		9
225 50	609 92			159 04		125 00	82 05		281 32	16 25	10
a	a	a	a	a	a	a	a	a	a	a	11
16 00	880 10										12
	220 89		55 78			265 00	30 00	11 86	40 75	19 30	13
	55 88		207 00	39 66	178 90						14
347 81	240 52			81 49	285 02	30 00	56 35	5 53	182 70	158 14	15
				16 49							16
20 00	8 00		685 00			11 00	15 00	36 41	31 50		17
				36 38		277 60	55 00	55 00		274 67	18
222 25	415 20			5 00		30 00		42 96	167 66		19
				137 28							20
	30 00				88 86			3 00			21
20 00	30 50			8 10							22
		175 00		33 96		212 00	48 00	168 76	297 07	92 00	23
	378 09			96 05	144 87	33 00	30 85	189 12		152 11	24
	325 52		106 00		159 00		65 00		52 00	107 85	25
5 00	248 57		28 81	40 26	128 91	40 50	13 25	183 63	140 25	31 72	26
166 26	276 20		532 31	255 57		160 31			274 48	50 40	27
	48 88			78 97	104 17	17 00		72 37	205 28	150 07	28
13-63	152 62			a							29
											30
186 55			27 15		99 35		106 42	66 00	179 14	192 51	31
	1,006 16		504 27	121 00	6 36	42 25	160 67	162 82	303 15	110 47	32
410 86	732 14			153 23		85 00	10 00	474 92	320 21	110 87	33
895 95	727 65			200 00			112 91	85 00		158 63	34
	60 00										35
266 94	391 48		189 38	117 43	30 80	5 00	45 00	10 39		37 11	36
	896 68		1,806 36	632 18	111 39	38 22	55 18	28 82	841 96	118 44	37
	102 65			129 80		101 00	98 84	58 45	146 54	142 24	38
	28 00			50 95		59 50	205 57	76 47	387 76	238 50	39
							15 40	10 47		11 50	40
200 06	906 39			42 03						51 60	41
773 25	636 95		1,707 86	78 99	76 00	156 80	217 28	116 54	285 25	169 72	42
893 50	332 32			1,029 48	334 99		75 00	483 61	460 94	100 00	43
				248 13			30 80				44
			523 81			6 15	157 10	8 97	238 80		45

TABLE VII.—CONTINUED.

Number.	Counties.	Totals of poorhouse and poor-farm expenses.	Poorhouse expenses.						
			Paid to keepers.	Clothing purchased.	Food purchased.	Medical attend- ance and medi- cines.	Funeral expenses.	Trans- portation of pen- sers to and from the poor- houses.	Furni- ture pur- chased.
		1.	2.	3.	4.	5.	6.	7.	8.
46	Macosta	\$2,212 08	\$500 00	\$127 95	\$247 28	\$280 76	\$30 00	\$30 45	
47	Menominee	4,774 22	a	108 68	a 3,735 44	400 00	32 00	21 00	
48	Midland	2,033 14	400 00	205 98	256 96	241 96	42 00	6 00	\$69 70
49	Missaukee	1,432 79	634 10	71 80		215 00	14 00	4 00	2 00
50	Monroe	4,404 53	600 00	446 81	445 53	286 35	73 00	10 50	
51	Montcalm	3,038 89	600 00	309 52	186 43	225 05	75 00	19 30	26 00
52	Muskegon	3,060 49	487 50	87 18	776 18	32 17	17 00	11 00	115 88
53	Newaygo	1,108 00	450 00	62 25	170 35	42 15	20 00	22 45	
54	Oakland	2,943 69	750 00	314 09	611 90	143 07	2 50	16 97	81 36
55	Oceana	2,478 08	450 00	258 38	207 61	10 30	14 00		46 12
56	Ogemaw	1,370 89	278 18	183 09	424 76	77 15		8 20	
57	Ontonagon	738 49	a		365 69	275 20	58 06	22 54	
58	Osceola	2,647 26	650 00	109 78	264 98	209 70			100 00
59	Otsego	1,371 42	400 00	b 215 41		96 00		8 00	
60	Ottawa	2,975 32	475 01	178 43	74 44	70 61	43 75	10 00	18 00
61	Saginaw	5,067 47	789 00	502 12	963 43	408 00		68 25	33 58
62	Sanilac	1,580 26	450 00	200 00	100 00	100 00			
63	Schoolcraft	2,768 69	400 00	80 85	576 84	749 80	119 50	167 72	9 05
64	Shiawassee	3,541 72	1,000 00	522 74	536 30	330 69	41 28	81 97	78 01
65	St. Clair	5,450 95	600 00	463 71	1,184 86	249 05		10 75	54 73
66	St. Joseph	15,409 72	680 00	333 56	644 05	220 00		61 80	514 03
67	Tuscola	2,732 26	600 00	528 90	179 63	238 90	18 00	217 04	4 50
68	Van Buren	3,605 69	525 00	434 02	652 63	117 00	32 00	25 25	55 00
69	Washtenaw	4,417 58	700 00	248 26	1,840 29	91 80		26 70	
70	Wayne	72,398 48	d 2,500 00	6,645 72	25,391 58	1,579 34	292 00	1,433 18	1,677 27
71	Wexford	1,661 84	600 00	100 00	58 79	78 02	46 25	10 00	65 00

a See schedule "A."

b Includes amount paid for food.

c Includes amounts paid for farm improvements, farm implements and labor hired.

d To keeper of poorhouse \$1,000, to keeper of asylum \$1,500.

TABLE VII.—CONTINUED.

Labor hired.	Miscellaneous.	Poor farm expenses.									Number.
		Farms purchased.	Buildings erected.	Buildings repaired.	Improvement of farms.	Stock purchased.	Farm implements purchased.	Hay, grain and seed purchased.	Labor hired.	Miscellaneous.	
9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	
\$154 00	\$199 78 387 86			\$84 28 109 24		\$175 00			\$287 68	\$125 00	46
	1 11				\$179 78 40 78	50 00	\$125 96	\$107 54	149 54	196 79	47
\$16 25			\$500 00 359 95	380 65	370 88	54 67	41 04	281 87	602 89	179 69	49
147 85	986 27		50 00	115 00		57 00		66 53	196 00	28 44	50
297 50	374 40			84 95		176 00	8 90	378 26	48 68	159 89	51
104 00				16 25		30 00	45 00	26 50	87 50	32 55	52
	528 04			65 06	169 86	30 00	32 79	95 65	4 40	45 00	53
168 00	114 61		774 76			30 00	118 95	52 47	129 75	127 14	54
	49 65					28 00		59 94	144 87	131 05	55
				20 01		151 00		104 84	372 87	899 52	56
				50 49	15 48	303 85	218 65	383 16			57
191 16	600 09			466 58	18 55	17 00	285 45	184 51	314 47	77 27	58
	376 00			132 02	1,124 00	70 00	131 96		216 00	223 11	59
104 00	49 10		150 00	25 00			20 00	19 41	91 75	231 00	60
28 70	200 42				421 80	40 00		24 00			61
	226 05		109 71	150 30		10 96	25 75	35 58		442 38	62
206 50	853 05		440 34	57 57	127 68	384 00	28 40	66 35	598 67	118 77	63
											64
264 90	93 06		11,453 76	283 13			150 00	76 36	404 14	231 43	65
	144 85				100 00	240 00	60 08	4 50	191 61	206 75	66
331 97	182 24			156 77	68 88	25 00	41 60	191 56	387 00	330 78	67
257 50	1,167 35			72 71	48 95	22 00	27 14	25 29	201 80	186 96	68
11,281 46	8,946 83			7,047 77	1,239 75	943 27	568 61	606 82	909 97	171 73	69
40 00	87 00			96 27		85 00	65 00	70 00	825 00		70
											71

TABLE VIII.

Showing for the State and counties, the average cost of each pauper in the poorhouses within the year, and the average cost per week of each pauper maintained in the poorhouses during the year ending June 30, 1893.

State and counties.	Average cost of each pauper in the poorhouses within the year.*	Average cost per week of each pauper maintained in the poorhouses during the year.†	Average cost per week of each pauper maintained in the poorhouses during the year after deducting value of farms purchased and buildings erected.‡
State	a \$53 48	b \$2 50	\$2 25
Alcona.....	\$119 13	\$4 56	
Allegan.....	65 87	2 48	\$2 33
Alpena.....	544 60	32 97	9 47
Antrim.....	278 04		
Barry.....	56 28	1 78	
Bay.....	108 47	3 01	
Berrien.....	50 04	1 67	1 65
Branch.....	57 44	1 58	
Calhoun.....	82 94	2 34	
Cass.....	50 52	1 44	
Charlevoix.....	d	d	d
Cheboygan.....	61 58	3 60	
Chippewa.....	78 15	3 51	3 44
Clare.....	100 80	5 61	4 79
Clinton.....	77 66	2 05	
Crawford.....	44 80	2 39	
Delta.....	60 89	3 25	1 79
Eaton.....	57 09	1 40	
Emmet.....	32 98	2 74	
Genesee.....	40 35	1 15	
Gladwin.....	46 55	4 77	
Grand Traverse.....	102 54	2 63	
Gratiot.....	89 75	2 20	2 11
Hilledale.....	38 74	1 00	
Houghton.....	106 36	4 01	3 93
Huron.....	82 78	2 45	2 42
Ingham.....	66 32	1 86	1 57
Ionia.....	38 50	96	
Iosco.....	120 72	4 78	
Iron.....	96 89	7 60	
Isabella.....	80 49	2 71	2 67
Jackson.....	75 25	2 56	2 28
Kalamazoo.....	45 34	1 49	
Kent.....	40 53	1 94	
Keweenaw.....	208 10	5 86	
Lake.....	53 70	8 33	
Lapeer.....	68 34	2 07	1 97
Lenawee.....	98 67	2 74	2 09
Livingston.....	110 82	2 94	
Luce.....	27 59	3 54	

* Computed from the second column in Table I and the first column in Table VII.

† Computed from the first column in Tables I and VII.

‡ Except for "State" only those counties represented that have purchased farms or erected buildings.

a Exclusive of Charlevoix county, for which the poorhouse and poor-farm expenses were not separately reported.

b Exclusive of Antrim county, from which the average number of paupers was not reported.

c Average number of paupers not reported.

d Poorhouse and poor-farm expenses not separately reported.

TABLE VIII.—CONTINUED.

Counties.	Average cost of each pauper in the poorhouses within the year.*	Average cost per week of each pauper maintained in the poorhouses during the year.†	Average cost per week of each pauper maintained in the poorhouses during the year after deducting value of farms purchased and buildings erected.‡
Mackinac.....	\$84 05	\$7 35	.....
Macomb.....	30 63	2 64	.....
Manistee.....	144 10	5 73	\$4 63
Marquette.....	77 97	2 71	.....
Mason.....	103 95	4 62	3 46
Mecosta.....	51 44	2 32	.....
Menominee.....	101 53	6 65	.....
Midland.....	38 35	3 55	.....
Missaukee.....	143 23	6 31	4 13
Monroe.....	60 34	1 80	1 65
Montcalm.....	46 04	1 43	1 41
Muskegon.....	69 33	3 25	.....
Newaygo.....	43 22	1 64	.....
Oakland.....	42 66	1 24	.....
Oceana.....	95 31	2 87	1 97
Ogemaw.....	137 09	3 77	.....
Ontonagon.....	245 50	4 72	.....
Osceola.....	115 10	3 24	.....
Otsego.....	114 29	6 59	.....
Ottawa.....	74 38	1 97	.....
Saginaw.....	58 25	2 32	.....
Sanilac.....	56 69	2 08	1 33
Schoolcraft.....	98 58	17 75	.....
Shiawassee.....	64 39	2 13	2 06
St. Clair.....	70 79	1 78	1 64
St. Joseph.....	358 37	13 47	3 46
Tuscola.....	55 76	1 69	.....
Van Buren.....	62 17	1 82	.....
Washtenaw.....	33 21	1 15	.....
Wayne.....	28 88	2 40	.....
Wexford.....	103 33	3 99	.....

* Computed from the second column in Table I and the first column in Table VII.

† Computed from the first column in Tables I and VII.

‡ Except for "State" only those counties represented that have purchased farms or erected buildings.

ABSTRACT OF THE ANNUAL REPORTS OF

TABLE IX.

Showing, for the State and counties, the expenditures for temporary relief and permanent support of indigent persons not in the poorhouses, during the year ending June 30, 1893.

State and counties.	Expenditures for temporary relief.								Cost of maintaining permanent paupers outside the poorhouses.
	Totals.	Medical attendance and medicines.	Burial expenses.	Food purchased.	Fuel purchased.	Clothing purchased.	Miscellaneous.	Transportation (anywhere except to and from poor-houses and public institutions).	
State	\$487,894 83	\$93,985 87	\$17,578 36	\$218,047 47	\$63,121 16	\$18,234 24	\$34,094 32	\$19,329 43	\$31,467 65
Alcona	\$1,745 80	\$385 50	\$105 00	\$1,253 30					
Alcona	1,134 67	145 10	66 30	798 12					
Alcona	4,134 61	1,307 09	431 60	1,543 82		\$100 00	\$4 00		
Alcona	3,514 76			3,419 35	639 03	437 36	136 51	\$39 20	\$417 49
Alcona	1,324 73	802 90	38 10	232 85	26 43	75 52	130 46	28 61	881 64
Alcona	1,126 35	490 35	69 00	322 85	8 50	25 34	219 83		
Alcona	4,071 05	698 00	115 00	2,738 05	326 50	516 25	264 36		
Alcona	2,553 55	947 10	104 00	1,324 03	74 25	79 03	54 15		850 00
Alcona	9,436 20	2,012 13	523 50	5,496 97	465 53	272 44	360 85	294 75	
Alcona	1,744 40	647 85	29 00	920 76	73 12	47 56	26 20		
Alcona	2,531 20	515 40	274 00	1,173 96	324 72	108 40	79 46	50 35	d
Alcona	3,240 86	540 23	571 06	1,125 22	1,433 98	572 17	147 25	159 83	59 25
Alcona	7,005 50	3,146 25	571 06	1,291 60	1,443 43	568 50	271 21	3,593 00	
Alcona	6,792 65	1,169 63	154 85	3,006 90	836 52	525 58	105 75	91 67	
Alcona	1,360 45	197 80	42 00	1,439 46	53 11	49 33	134 75	45 00	400 00
Alcona	2,772 46	355 75	14 25	1,968 15	56 60	52 00	50 00	235 78	1,871 85
Alcona	2,968 06	769 81	131 65	1,227 70	304 06	53 23	355 01	153 20	212 00
Alcona	135 15	135 75	50 50	146 00	4 15	42 20	133 45		
Alcona	4,597 31	1,703 13	237 00	1,579 85	500 00	133 83	330 07	28 80	530 98
Alcona	136 50	19 00	19 00	143 26	8 63	13 00	26 50		
Alcona	4,108 08	1,464 47	276 49	1,868 50	266 54	155 47	220 50	302 06	1,430 23
Alcona	10,294 57	1,326 57	395 65	7,151 04	459 28	76 75	347 38	507 90	
Alcona	1,232 25	374 38	114 90	135 13	163 80	103 08	34 27	162 00	
Alcona	1,195 01	367 60	6 47	699 23	39 90	70 37	16 00	26 25	
Alcona	8,374 32	1,153 30	235 50	4,451 73	1,067 06	531 94	173 02	190 37	
Alcona	760 31	186 40	49 30	467 65	38 65	101 51	3 50	16 00	
Alcona	537 45	196 25	25 00		137 01	41 00		186 20	

COUNTY SUPERINTENDENTS OF THE POOR.

Gratiot	1,799 26	748 13	56 00	5,307 07	246 90	151 15	65 17
Hillsdale	2,770 71	619 06	106 00	760 04	656 18	194 80	129 68
Houghton	1,094 86	1,019 06	091 45	1,828 94	2,471 86	1,911 40	16,000 00
Huron	2,065 30	728 20	177 50	1,766 23	2,471 86	1,911 40	16,000 00
Ingham	2,364 29	686 07	177 50	1,766 23	2,471 86	1,911 40	16,000 00
Ionia	2,517 74	723 92	131 50	1,008 18	436 29	128 18	d
Ipsco	2,686 11	723 92	131 50	1,008 18	436 29	128 18	d
Iron	2,365 50	779 25	89 75	1,514 28	60 15	64 74	63 28
Jackson	2,048 06	719 57	317 35	1,530 03	60 15	64 74	178 62
Jackson	2,378 48	837 02	158 86	2,597 68	1,410 68	253 81	189 21
Kalamazoo	6,432 72	747 45	307 00	2,556 70	2,126 23	408 85	359 09
Kalamazoo	1,583 47	530 33	1,004 25	799 14	83 50	61 10	51 81
Kalamazoo	40,173 76	8,008 06	1,004 25	14,987 04	12,384 71	1,437 10	109 20
Kalamazoo	586 00	108 00	20 00	773 04	12,384 71	1,437 10	56 15
Kalamazoo	881 29	844 50	150 00	221 16	84 26	34 26	1,830 06
Kalamazoo	1,198 84	1,198 84	178 00	2,069 48	163 14	486 56	76 99
Kalamazoo	1,863 79	1,448 00	700 00	5,198 77	80 00	150 06	180 06
Kalamazoo	12,777 96	1,049 98	448 75	5,198 77	3,994 13	488 58	315 79
Kalamazoo	242 90	189 30	53 00	41 20	3,994 13	488 58	1,430 10
Kalamazoo	635 71	4 00	43 00	266 68	47 15	87 91	153 26
Macomb	608 39	175 65	91 75	183 29	47 15	87 91	90 80
Macomb	4,613 26	1,876 51	180 00	2,197 06	393 14	30 15	42 20
Manistee	2,784 43	2,590 44	90 59	2,584 72	45 51	324 05	48 40
Manistee	3,128 90	3,128 90	717 75	28,610 52	3,997 02	408 20	98 00
Marquette	38,490 08	86 50	184 75	1,069 87	3,997 02	408 20	237 37
Marquette	1,479 67	65 50	184 75	1,069 87	3,997 02	408 20	110 06
Marquette	2,083 54	599 53	117 00	1,110 27	20 00	47 15	554 23
Menominee	7,740 53	474 45	226 45	5,683 45	219 76	139 23	1,892 65
Midland	1,553 22	237 70	139 50	643 49	27 50	29 26	88 10
Midland	1,146 86	238 85	13 00	643 49	15 00	171 08	6 75
Monroe	3,208 51	968 10	148 00	1,345 75	442 82	186 24	18 87
Montcalm	1,843 04	1,843 04	296 84	1,989 65	624 07	414 94	55 69
Montcalm	4,700 35	687 85	412 51	27 00	27 00	44 08	569 60
Montmorency	1,985 60	1,985 60	252 80	12,768 85	248 85	39 26	988 10
Montmorency	18,123 11	1,798 08	252 80	12,768 85	248 85	39 26	27 50
Neenah	2,783 00	1,783 00	158 25	974 85	26 50	105 40	18 87
Neenah	2,783 00	1,783 00	158 25	974 85	26 50	105 40	53 50
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	22 50
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	12 60
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	91 97
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00	158 25	974 85	26 50	105 40	36 10
Newaygo	2,783 00	1,783 00					

a Includes amount expended in support of permanent paupers.

a. Includes amount expended in an

Included in poorhouse expenses.

Includes amounts paid for fuel and clothing.
Report shows permanent penners, but the amount expended for their support is not separately reported.

Includes amount expended for food.

TABLE IX.

Showing, for the State and counties, the expenditures for temporary relief and permanent support of indigent persons not in the poorhouses, during the year ending June 30, 1893.

State and counties.	Expenditures for temporary relief.								Cost of maintaining permanent paupers outside the poorhouses.
	Totals.	Medical attendance and medicines.	Funeral expenses.	Food purchased.	Fuel purchased.	Clothing purchased.	Miscellaneous.	Transportation (anywhere except to and from poorhouses and public institutions).	
State.....	\$487,804 83	\$83,985 87	\$17,573 26	\$218,047 47	\$63,121 16	\$13,234 24	\$24,004 33	\$12,828 43	\$31,467 65
Alcona.....	\$1,743 80	\$385 50	\$105 00	\$1,258 30					
Alger.....	1,124 07	145 10	66 30	786 12	235 25	\$100 00	\$4 00		
Allegan.....	4,524 61	1,307 09	431 60	1,543 82	639 03	437 86	136 51	\$20 20	\$417 49
Alpena.....	3,514 76			3,419 36				93 40	
Antrim.....	1,324 72	802 90	38 10	233 86	36 43	75 23	120 46	28 61	\$81 64
Arenac.....	1,126 38	480 36	69 00	322 86	8 50	25 64	219 83		
Baraga.....	4,671 06	695 00	115 00	2,728 96	326 50	516 35	286 36		
Barr.....	2,563 56	947 10	104 00	1,324 03	74 25	79 03		54 15	330 00
Bay.....	9,433 20	2,012 13	523 80	5,496 97	465 98	272 44	360 83	264 75	
Benzie.....	1,744 49	647 86	29 00	920 76	73 12	47 96	26 20		
Berrie.....	2,331 29	515 40	274 00	1,172 96	234 72	103 40	79 43	50 35	d
Branch.....	3,240 86	560 23	212 24	1,125 22	533 98	572 17	147 25	139 82	59 25
Calhoun.....	7,905 50	3,148 35	571 06	1,443 43	1,443 43	568 50	592 80	271 21	3,532 00
Cass.....	6,792 65	1,109 63	154 85	2,908 90	836 52	525 88	106 75	91 67	
Charlevoix.....	1,950 45	197 80	42 00	1,429 46	52 11	49 83	134 76	43 00	400 00
Cheboygan.....	2,772 48	255 75	14 25	1,968 15	86 60	52 00	50 00	225 73	1,871 85
Chippewa.....	2,993 96	789 81	131 88	1,237 70	304 06	53 38	353 01	132 20	212 00
Clare.....	572 18	156 75	50 50	146 50	4 15	33 13	42 20	133 45	
Clinton.....	4,597 21	1,708 13	237 00	1,579 38	500 00	133 88	330 07	23 50	530 98
Crawford.....	411 65	196 50	19 00	8 63	265 54	7 73	7 73	26 50	
Delta.....	4,103 08	1,434 47	276 49	1,365 50		135 47	220 50	302 06	1,430 23
Dickinson.....	10,204 57	1,326 57	395 63	7,151 04	439 26	76 75	347 38	507 90	
Eaton.....	1,223 25	374 33	114 60	525 12	165 60	108 09		34 27	182 00
Emmet.....	1,195 01	367 60	6 47	699 32	39 90	70 87	16 00	25 25	
Genesee.....	8,374 92	1,153 30	238 50	4,451 73	1,667 06	101 51	172 02	150 57	
Gladwin.....	760 21	186 40	49 50	497 65	38 66	101 61	3 50	18 00	
Grand Traverse.....	587 46	196 25	25 00		137 01	41 00		136 20	

COUNTY SUPERINTENDENTS OF THE POOR.

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Gratiot.....	1,799 33	748 13	56 00	536 07	246 80	151 15	233 50	66 17	966 04
Hillsdale.....	2,770 71	619 06	186 00	1,308 34	655 18	199 80	15 00	128 63	128 63
Houghton.....	1,044 83	1,295 80	400 00	1,558 25	2,271 89	1,911 02	43 00	125 10	16,000 00
Huron.....	2,263 80	978 70	45 35	1,584 25	7 00	173 97	1,120 72	153 24	153 24
Ingham.....	2,564 29	683 07	177 50	799 96	621 63	35 15			
Ionia.....	2,717 74	723 92	131 50	1,005 18	498 29	132 13	185 25	63 33	d
Iosco.....	2,935 11		36 00	3,622 11				170 00	
Iron.....	2,232 50	779 25	397 75	1,514 33	50 55	94 74	233 21	173 63	
Isabella.....	3,042 95	719 57	317 35	1,530 03	66 23	292 72	98 63	109 31	185 00
Jackson.....	6,273 43	837 02	158 65	2,597 63	1,410 63	233 31	763 01	229 13	420 00
Kalamazoo.....	6,422 72	747 45	397 00	2,555 70	2,126 23	405 35	19 30	359 09	
Kalamake.....	530 32	530 32		799 14	51 50	51 31	109 80	51 31	
Kent.....	40,173 76	8,036 03	1,094 25	14,967 34	12,324 74	1,427 10	25 13	1,330 03	
Keweenaw.....	880 00	13 00	20 00	772 00			20 00		
Lake.....	361 29	344 50	150 00	231 16	34 25	54 39		76 39	
Lapeer.....	4,492 05	1,198 84	178 00	2,069 48	163 14	495 56	231 08	150 03	
Leelanau.....	1,233 79	143 00	150 00	700 00	30 00	150 00	315 79		
Leauwac.....	12,777 96	1,046 93	443 75	5,198 77	3,994 13	493 53	1,480 50	153 33	
Livingston.....	242 90	139 30	52 00	41 30			9 60	20 99	
Lucas.....	635 74	4 00	43 00	286 66	47 15	87 91	144 80	42 30	145 00
MacKinnac.....	908 29	175 65	91 75	135 29			134 05	48 40	
Macomb.....	4,613 35	1,373 51	130 00	2,197 03	393 14	324 30	98 00	50 38	
Manistee.....	2,754 42	239 44	59 59	2,554 72	45 51	405 30	237 27	110 60	
Marquette.....	38,640 03	3,123 90	717 75	28,410 33	3,997 00	77 13	1,993 65	553 32	
Mason.....	1,479 57	85 50	134 75	1,069 37	20 00	47 15	100 00	88 10	120 00
Meoseta.....	2,032 54	599 52	117 00	1,110 27	119 78	139 22		6 75	
Menominee.....	7,740 63	474 43	236 45	5,633 46	243 35	30 63	559 60	398 10	
Midland.....	1,533 22	257 70	32 83	1,285 50	27 50	80 63	27 50	18 87	64 30
Missaukee.....	1,146 85	223 55	123 00	643 49	15 00	171 63	55 59		
Monroe.....	3,203 51	966 10	143 00	1,345 75	442 32	193 24		113 09	
Montcalm.....	4,700 42	1,843 04	236 34	1,989 65	624 07	414 94		91 53	
Montmorency.....	1,236 39	1,671 53	41 00	1,112 51	27 00	45 03	53 50	15 00	
Muskegon.....	18,132 11	1,733 06	333 33	12,793 95	1,033 13	980 27	1,743 76	169 27	
Newaygo.....	2,103 25	763 00	235 25	1,074 35	26 57	103 40	35 75	32 50	
Oakland.....	4,767 94	1,393 24	233 00	1,070 26	1,273 24	134 61	171 10	12 50	63 50
Oceana.....	2,047 10	575 87	164 43	583 19	15 00	310 61	91 97	36 10	d
Ogemaw.....	438 33	189 95	320 25	320 25	14 80	33 30			
Ontonagon.....	2,310 30	494 40	150 75	1,364 13	293 27	149 55	45 60	34 10	
Oscoda.....	1,032 93	359 23		1,433 35	23 74	69 63	15 55	12 77	
Oscoda.....	412 14	135 25		235 99		17 90			

a Includes amount expended in support of permanent paupers.

b Includes in poorhouse expenses.

c Includes amounts paid for fuel and clothing.

d Report shows permanent paupers, but the amount expended for their support is not separately reported.

e Includes amount expended for food.

TABLE IX.—CONTINUED.

Counties.	Expenditures for temporary relief.							Cost of maintaining permanent paupers outside the poorhouses.
	Totals.	Medical attendance and medicines.	Funeral expenses.	Food purchased.	Fuel purchased.	Clothing purchased.	Miscellaneous.	
Ozogo.....	^a \$457 41			\$250 00		\$147 41	\$50 00	
Ottawa.....	^a 6,278 84	^b \$1,039 47	\$151 77	3,178 72	\$316 44	338 70	849 24	\$10 00
Presque Isle.....	454 43	180 50		231 43	12 50	10 00		254 50
Rosecommon.....	1,537 63	428 00		549 37	123 00	123 00		
Saginaw.....	15,523 13	1,912 54	185 09	10,339 36	1,421 \$1	97 62	128 51	c
Sanilac.....	2,512 07	1,069 03	116 00	500 00	100 00	300 00	332 04	15 00
Schoolcraft.....	1,325 38	392 25	63 25	803 76		50 37		15 75
Shiawassee.....	4,394 22	2,062 26	292 50	1,057 05	342 62	349 08	123 69	74 07
St. Clair.....	13,780 19	2,019 20	491 75	7,578 21	1,156 04	738 16	539 30	937 03
St. Joseph.....	4,327 45	965 55	150 50	1,394 48	750 89	218 50	20 00	233 03
Tuscola.....	3,998 36	1,832 67	247 75	1,327 09	152 89	204 71	74 40	6 85
Van Buren.....	7,395 44	1,560 43	159 92	4,035 75	858 56	710 04	64 44	6 30
Washtenaw.....	560 30	20 00	33 00	309 35	117 10	2 75		78 10
Wayne.....	72,176 40	12,001 20	3,242 27	31,211 55	15,208 73	743 79	7,271 77	2,496 79
Wexford.....	2,342 12	900 00	140 23	900 00	40 00	100 00	250 86	11 03

^a Includes amount expended in support of permanent paupers.^b Included in poorhouse expenses.^c Report shows permanent paupers, but the amount expended for their support is not separately reported.

TABLE X.

Showing, for the State and counties, the amounts paid to superintendents and directors of the poor, and to supervisors and justices of the peace for official services in relation to the poor, and the amounts paid for transportation to and from, and support of poor persons, at public institutions, for the year ending June 30, 1893.

State and counties.	Totals.	Paid for official services in relation to the poor.				Paid for transportation to and from, and support at, public institutions.				Miscellaneous.
		To superintendents of the poor.	To supervisors.	To justices of the peace.	To directors of the poor.	Inmate at asylums.	Deaf and dumb at School for the Deaf.	Blind at School for the Blind.	Poor persons at other institutions.	
State	\$184,680 47	\$37,263 26	\$5,775 47	\$2,299 56	\$3,064 60	\$103,424 16	\$869 77	\$235 03	\$4,106 91	\$2,661 69
Alcona.....	\$35 35					\$35 35				
Alger.....	375 00	\$375 00								
Allegan.....	6,985 85	1,122 00	\$282 80	\$38 50		4,543 05				
Alpena.....	1,936 50	456 00				1,480 50				
Antrim.....	1,098 62	147 73	50 31	30 25		570 33				
Arenac.....	133 57	133 57								
Baraga.....	225 00									
Barry.....	1,542 34	250 00	44 60			1,217 04				
Bay.....	5,543 12	206 90	102 69	500 00		4,727 63			\$312 80	
Benzie.....	717 87		6 75			504 23				
Berrien.....	2,033 37	116 50	36 50		\$165 00	1,715 37				
Branch.....	2,049 46	33 50	33 50	7 75		1,473 23			35 00	
Calhoun.....	4,244 42	13 75	46 50			4,194 17				
Cass.....	1,692 63	235 00	47 45			1,360 18				
Charlevoix.....	740 00	325 00	11 00			404 00				
Cheboygan.....	1,426 22	579 70	100 35			690 57			55 40	
Chippewa.....	1,037 45	750 00							44 90	\$242 55
Clare.....	755 59	273 70				485 19				
Clinton.....	2,134 94	215 90	62 40			1,356 64				
Crawford.....	80 50	63 50	13 00	4 00						
Delta.....	1,657 23	500 00	52 00		62 00	555 75	\$53 83	\$19 60	457 53	
Dickinson.....	1,028 43	950 00								
Eaton.....	2,068 80	500 00	81 75			1,507 05				
Emmet.....	1,365 19	272 31				1,067 38				
Genesee.....	3,786 61	722 80	231 95			2,381 86				

TABLE X.—CONTINUED.

Counties.	Totals.	Paid for official services in relation to the poor.				Paid for transportation to and from, and support at, public institutions.			
		To superintendents of the poor.	To supervisors.	To justices of the peace.	To directors of the poor.	Inmate at asylums.	Deaf and dumb at School for the Deaf.	Blind at School for the Blind.	Poor persons at other institutions.
Gladwin.....	\$228 52	\$115 00				\$113 52			
Grand Traverse.....	977 98	110 00				769 87			\$98 56
Gratiot.....	1,715 56	300 00	\$90 00	\$1 00		1,324 56			
Hillsdale.....	1,385 45	423 00	13 50			959 95			
Houghton.....	6,192 79	1,150 00				5,043 79			
Huron.....	1,419 33	900 00	81 13			1,690 00	\$166 45	\$21 75	
Ingham.....	2,308 04	624 58	2 63			1,680 85			
Ionia.....	404 80	270 00	134 80						
Iosco.....	1,763 87	900 00				717 87	65 00		244 50
Iron.....	697 25	575 25							57 00
Isabella.....	1,021 98	369 84	159 12			465 10			
Jackson.....	3,283 24	750 00	26 50		\$638 33	1,898 43		27 82	
Kalamazoo.....	4,670 98	950 00	16 00			3,704 99			
Kalkaska.....	101 75	96 50	5 25		2,903 28	8,758 72			
Kent.....	13,627 00	2,240 00							
Keweenaw.....	871 50	300 09	50			71 00			
Lake.....	138 17	138 72	38 69	8 75		169 01			
Lapeer.....	2,110 28	640 00				1,368 96	101 31		
Leelanau.....	492 58	155 00				337 58			
Leawee.....	3,916 16	657 89	815 91			2,082 26			380 60
Livingston.....	1,832 01	409 69	47 75			1,374 57			
Luce.....	498 31	318 75				177 56			
MacKinnac.....	240 00	240 00							
Macomb.....	1,905 17	891 50	315 50			1,286 17			
Manistee.....	1,764 11	675 00				965 48	138 63		
Marquette.....	5,595 45	1,900 00				3,695 35			
Mason.....	1,020 42	423 70	7 00		200 00	377 22	12 50		
Meosota.....	1,721 45	550 00				1,171 45			
Menominee.....	4,073 99	700 00				3,136 33	168 97	68 69	
Midland.....	428 60	257 35	10 00			159 65	1 60		
Missaukee.....	760 94	276 75	23 24			460 96			
Monroe.....	2,554 19	853 53	166 64			1,833 72	145 43	34 83	
Montcalm.....	2,599 09	490 32	230 35			1,948 52			

Miscellaneous.

Montgomery.....	193 50	193 50	86 48	790 00	9,079 53			
Madison.....	4,746 01	850 00	138 00		1,044 20			87 50
Nebraska.....	1,514 70	315 00	523 40		8,110 53			
Oakland.....	3,899 92	297 00	189 80		589 90			
Oceana.....	815 30	135 50						
Ogemaw.....	53 56				53 56			
Ontonagon.....	250 00							
Oscoda.....	1,488 98	493 50	58 17		943 31			
Oscoda.....	333 49	175 00	11 75		149 74			
Otsego.....	80 15	80 15						
Ottawa.....	2,022 42	385 16	39 81	80 00	1,455 10		62 35	
Presque Isle.....	30 00	16 00	14 00					
Rosecommon.....	435 19	119 96			815 23			
Saginaw.....	3,254 96	950 00	48 95	2,358 00			6 00	
Sault Ste. Marie.....	1,713 26	500 00	65 00		1,147 26			
Schoolcraft.....	1,019 28	450 00			569 23			
Shiawassee.....	1,523 63	176 70	153 35		1,200 67			
St. Clair.....	5,612 80	1,450 00	493 96		3,294 66			404 18
St. Joseph.....	1,735 87		231 40		1,507 47			
Tuscola.....	1,849 24	475 00	188 95		1,185 29			
Van Buren.....	1,863 74	400 00	140 80		1,322 44			
Washtenaw.....	3,349 79	96 95	36 15		3,216 69			
Wayne.....	9,466 46	1,800 00	149 07	2,189 81	900 00			2,088 94
Wexford.....	1,465 93	323 63	42 07	25 00	795 23			b \$2,419 14

a Report shows number of persons supported at public institutions (see Table III) but expense is not reported.

b Paid for county burials, internments and burial ground in cemeteries in city and adjoining towns.

TABLE XI.

Showing, for the State and counties, the estimated value of the paupers' labor; the estimated total value of the products of the poor farms; the value of farm products sold, and the per cent of total value of farm products to capital invested in farms and appurtenances, for the year ending June 30, 1893.

State and counties.	Value of paupers' labor. (Estimated.)	Value of all farm products. (Estimated.)	Value of farm products sold.	Per cent of value of farm products to capital invested in farms and appurtenances.
State	\$6,465 00	\$73,497 98	\$14,069 31	7.24
Allegan		\$1,000 00	\$398 51	5.09
Alpena		150 00		1.43
Antrim	\$150 00	1,180 00	167 45	15.32
Barry		700 00	100 00	7.65
Bay	150 00	1,259 40	334 15	10.81
Berrien		1,976 25	616 00	7.80
Branch	250 00	1,000 00	376 00	11.36
Calhoun	300 00	1,100 00	37 31	5.40
Cass	300 00	2,000 00	700 00	8.91
Chippewa	300 00	1,400 00	300 00	12.99
Clinton	75 00	886 00		8.54
Delta	100 00	475 00	75 00	11.30
Eaton	100 00	1,662 00	207 45	8.31
Genesee	100 00	1,800 00	200 00	14.52
Gratiot	200 00	900 00		8.00
Hillsdale	300 00	1,500 00	85 55	9.09
Houghton	300 00	1,300 00	200 00	12.63
Huron	100 00	342 80		3.85
Ingham	50 00	3,000 00		15.38
Ionia	100 00	1,000 00	270 00	7.41
Isabella	50 00	1,750 00	1,019 36	16.06
Jackson	200 00	2,800 00	471 25	6.88
Kalamazoo	200 00	1,628 00	350 00	5.09
Kent	300 00	1,538 20	458 49	3.26
Lake		720 67	112 66	13.19
Lapeer		1,500 00		11.21
Lenawee	100 00	2,334 25	a	7.98
Livingston	240 00	1,018 00	229 21	8.63
Lucas	25 00	150 00	20 00	14.36
Mackinac		75 00		2.97
Macomb	100 00	1,200 00	128 60	5.13
Marquette	150 00	250 00	30 00	1.96
Mason	100 00	1,989 96	580 70	15.15
Mecosta	25 00	1,383 85		24.07
Midland	100 00	500 00		6.80
Monroe	300 00	3,000 00	975 00	7.04
Montcalm	200 00	1,639 40	182 88	23.02
Muskegon	100 00	250 00		4.43
Newaygo		1,062 50	500 00	15.42
Oakland	250 00	2,300 00	549 01	10.50
Oceana		1,212 25	192 00	20.55
Ogemaw		750 00	75 00	16.65

a Barns, grain and hay burned.

TABLE XI.—CONTINUED.

Counties.	Value of paupers' labor. (Estimated.)	Value of all farm products. (Estimated.)	Value of farm products sold.	Per cent of value of farm products to capital invest- ed in farms and appurtenances.
Oceola.....	\$50 00	\$1,421 72	\$311 94	18.44
Otsego.....	-----	1,706 69	1,000 00	25.81
Ottawa.....	150 00	1,150 00	84 00	5.98
Saginaw.....	-----	2,000 00	250 00	5.97
Sanilac.....	50 00	956 45	423 05	11.05
Shiawassee.....	100 00	816 00	85 08	6.60
St. Clair.....	100 00	1,630 25	467 81	8.76
St. Joseph.....	50 00	1,444 30	394 77	7.25
Tuscola.....	-----	1,200 00	200 00	7.43
Van Buren.....	100 00	1,800 00	350 60	8.29
Washtenaw.....	100 00	1,159 10	159 41	5.42
Wayne.....	450 00	3,989 50	152 75	2.01
Wexford.....	-----	889 90	300 00	15.74

TABLE XII.

Showing, for the State and counties, the estimated total value of poor farms and appurtenances, the value of farms and buildings, of live stock, farm implements, and of all other property on such farms, together with interest at seven per cent on capital invested, for the year ending June 30, 1893.

State and counties.	Estimated value of farms and appurtenances.					Interest at seven per cent on capital invested.
	Totals.	Farms and buildings.	Live stock.	Farm implements.	All other property.	
State	\$1,089,058 65	\$979,538 00	\$51,465 82	\$24,452 25	\$33,607 58	\$76,234 11
Aloona.....	a \$4,500 00	\$4,000 00			\$500 00	\$315 00
Allegan.....	19,650 00	18,000 00	\$1,000 00	\$550 00	2,000 00	1,375 50
Alpena.....	10,478 98	10,000 00	332 25	151 70		733 13
Antrim.....	7,377 00	6,000 00	502 00	250 00	625 00	516 39
Barry.....	9,150 00	8,000 00	500 00	200 00	450 00	640 50
Bay.....	11,925 00	10,000 00	1,293 00	682 00		894 75
Berrien.....	26,338 00	21,000 00	1,486 00	675 00	2,172 00	1,773 81
Branch.....	8,800 00	7,500 00	1,050 00	250 00		616 00
Calhoun.....	20,375 00	19,000 00	950 00	375 00	50 00	1,436 25
Cass.....	22,450 00	20,000 00	1,400 00	550 00	500 00	1,571 50
Chippewa.....	10,780 00	10,000 00	600 00	180 00		754 60
Clare.....	a 4,090 00	4,000 00		40 00	50 00	236 90
Clinton.....	10,375 00	9,000 00	700 00	500 00	175 00	726 25
Crawford.....	b 500 00	500 00				35 00
Delta.....	c 4,340 00	3,700 00	300 00	315 00	25 00	236 80
Eaton.....	20,017 00	18,313 00	786 00	272 00	646 00	1,401 19
Emmet.....	a 2,506 00	2,500 00				175 00
Genesee.....	12,400 00	10,000 00	1,200 00	1,000 00	200 00	868 00
Gladwin.....	a 4,100 00	4,000 00			100 00	237 00
Grand Traverse.....	d 2,000 00	2,000 00				140 00
Gratiot.....	10,000 00	9,500 00	350 00	150 00		700 00
Hillsdale.....	16,500 00	15,000 00	1,200 00	300 00		1,155 00
Houghton.....	9,500 00	8,000 00	1,200 00	300 00		685 00
Huron.....	8,902 00	8,000 00	330 00	142 00	430 00	623 14
Ingham.....	19,500 00	18,000 00	1,000 00	500 00		1,335 00
Ionia.....	12,500 00	12,000 00	1,000 00	500 00		945 00
Iosco.....	a 6,015 00	6,000 00		15 00		421 05
Isabella.....	11,088 82	10,000 00	562 32	425 00	100 00	776 22
Jackson.....	37,800 00	35,000 00	1,300 00	500 00	1,000 00	2,646 00
Kalamazoo.....	32,000 00	30,000 00	1,100 00	300 00	600 00	2,240 00
Kent.....	48,778 50	39,120 00	1,256 00	402 50	8,000 00	2,414 50
Lake.....	5,500 00	4,500 00	600 00	400 00		335 00
Lapeer.....	12,377 00	12,000 00	985 00	352 00		966 30
Lenawee.....	29,426 25	28,000 00	1,076 25	350 00		2,059 84
Livingston.....	11,742 50	10,000 00	1,392 50	350 00		821 98
Luce.....	1,010 00	1,000 00		10 00		70 70
Mackinac.....	2,525 00	2,500 00		25 00		176 75
Macomb.....	23,400 00	20,000 00	700 00	700 00	2,000 00	1,639 00
Manistee.....	32,400 00	30,000 00	700 00	700 00	1,000 00	2,268 00
Marquette.....	12,850 00	12,000 00	400 00	250 00	200 00	899 50
Mason.....	12,801 87	10,000 00	1,626 00	641 05	584 82	896 13
Mecosta.....	5,750 00	4,000 00	600 00	150 00	1,000 00	402 50
Menominee.....	5,000 00	5,000 00				360 00
Midland.....	7,350 00	6,000 00	800 00	550 00		514 50
Missaukee.....	7,000 00	7,000 00				490 00
Monroe.....	42,643 68	37,700 00	1,942 00	492 00	2,509 68	2,985 06
Montcalm.....	7,840 00	6,000 00	840 00	400 00	100 00	513 50
Muskegon.....	5,375 00	5,000 00	325 00	100 00	150 00	390 25
Newaygo.....	6,392 50	6,000 00	719 50	173 00		452 48
Oakland.....	21,900 00	20,000 00	1,100 00	400 00	400 00	1,533 00

a The farm is rented to keeper.

b Value of buildings—county has no poor-farm.

c House and lot in Traverse City.

TABLE XII.—CONTINUED.

Counties.	Estimated value of farms and appurtenances.					Interest at seven per cent on capital invested.
	Totals.	Farms and buildings.	Live stock.	Farm implements.	All other property.	
Oceana	\$5,900 00	\$5,000 00	\$800 00	\$400 00	\$300 00	\$413 00
Ogemaw	4,505 00	4,000 00	420 00	85 00	—	315 85
Ontonagon	2,830 00	2,500 00	—	30 00	300 00	198 10
Osceola	10,580 00	8,000 00	1,280 00	600 00	700 00	740 60
Otsego	6,613 50	5,000 00	813 50	400 00	400 00	462 96
Ottawa	19,220 00	18,000 00	870 00	250 00	100 00	1,345 40
Saginaw	33,500 00	27,000 00	2,000 00	2,000 00	2,500 00	2,345 00
Sanilac	8,656 00	7,600 00	721 00	335 00	—	606 92
Schoolcraft	3,540 00	3,500 00	40 00	—	—	247 80
Shiawassee	12,370 00	12,000 00	806 00	64 00	—	865 90
St. Clair	18,600 00	16,000 00	2,000 00	600 00	—	1,302 60
St. Joseph	19,920 08	17,000 00	640 00	380 00	1,890 08	1,394 41
Tuscola	16,150 00	15,000 00	700 00	450 00	—	1,180 50
Van Buren	21,700 00	18,100 00	2,000 00	800 00	1,000 00	1,519 00
Washtenaw	21,400 00	20,000 00	1,000 00	400 00	—	1,498 00
Wayne	198,500 00	198,000 00	2,500 00	2,000 00	1,000 00	13,896 00
Wexford	5,970 00	5,000 00	670 00	800 00	—	417 90

^a The farm is rented to keeper.

^b Value of buildings—county has no poor-farm.

SCHEDULE A.

Statements of the superintendents in relation to the condition of the poorhouses and other buildings, the facilities for bathing, warming and ventilating; the treatment of, and food and clothing for, the paupers, the care of the sick, the accommodations for, and treatment of, the insane and idiotic, and the education of the children.

Alcona.—The poorhouse is located in the township of Harrisville. The house and barns are in good condition. There are no special facilities for bathing. The building is warmed by wood stoves, and ventilation is by doors and windows. The paupers are kindly treated, well fed, and comfortably clothed. The sick are well cared for. There are no special accommodations for the insane and idiotic persons, and we have no children to educate. The farm is rented and the county owns no stock nor implements.

Alger.—No poorhouse nor farm.

Allegan.—The poorhouse is located in the township of Allegan, four and one-half miles north of the village. The house is of brick, 40x75 feet, two and one-half stories, with a stone basement, in which is the kitchen, pantry and dining room for inmates. The front part of the building is designed for the keeper and family. The rooms are high and light. Floors in rooms occupied by the keeper and family and female inmates are carpeted. The building is kept painted inside and out. The outbuildings are painted and in good repair. Facilities for bathing are two bath rooms in main building with cold and hot water, closets, urinals, wash stands, soap, towels, combs and brushes in each. The facilities for warming are two-furnaces in basement of main building, with hot air pipes, registers, etc., wood being used for fuel. Ventilation is by means of transoms, windows, doors, ventilators, etc. The paupers are under the care of the keeper and matron, who are kind and attentive, but require strict observance of the rules. Food consists of wheat bread mostly, occasionally graham and corn bread, fresh and corned beef, pork, fish, fruit, etc. The clothing for the males is woollen and cotton underclothing, woollen pants and vesta, coats and overcoats, bought ready made. The clothing for the females is made in the house, the material being selected by the matron. The sick are cared for by the keeper, matron, experienced nurses, and physicians when necessary. We have no insane inmates at the present time. The idiotic, during the day mingle with the other inmates, but have separate sleeping rooms. Children who pass the required examination, are sent to the State Public School, others are placed in private families.

Alpena. The poorhouse is located within the corporate limits of the city of Alpena, about one and one-half mile from its center. It is a two story brick building with a high basement under all. The basement contains the laundry, store room, and vegetable room, all having cement floors, two furnace rooms, two wood or fuel rooms, one foul air room and the men's toilet and bath room, making eleven rooms in the basement. The first story contains the keeper's parlor, dining room, hall, closet, wash or toilet room and the inmates' kitchen, dining room, men's hall, dormitory, sitting room, strong room, and three rooms in hospital department, making in all fourteen rooms, including hall. The second story contains three sleeping rooms, two bath rooms, hall, ladies' sitting room, toilet room, hall dormitory, strong room, and three rooms in hospital department. The poor farm contains 40 acres, with about 25 acres under cultivation. Facilities for bathing are bath rooms with hot and cold water. The building is heated by two furnaces and the water is supplied from a well by a wind mill, which forces it into a large reservoir and from thence through the building. The building is also supplied with warm water from the same source. There is a space of four inches between the outside and inside walls of the building, and in each room a foul air register connecting with this space, the foul air being collected in a room in the basement, which is connected with a main flue about four feet square, and extends from the ground floor to peak of roof. Ventilation is therefore excellent. The sick are cared for by the county physician, who is required to furnish medicine and medical services to the inmates of the poorhouse, jail and lockups in the county.

and those receiving temporary relief outside the poorhouse under the supervision of the superintendents of the poor, for the sum of \$440 per year.

Antrim.—The poorhouse is located in the township of Kearney, one mile from Bellaire, the county seat. The house, barn and outbuildings are comparatively new and in good condition. Facilities for bathing—bath tub. The building is warmed by a furnace, and ventilation is by transoms, windows and ventilators. Treatment of paupers is good. Food consists of wheat, corn and graham bread, buckwheat cakes, rolled oats, potatoes, turnips, cabbage and other garden vegetables in their season, pork, beef, sugar, coffee, tea, butter, milk, prunes, English currants, apples, berries, etc. Clothing is good and comfortable. The sick have good care and medical treatment. Accommodations for the insane and idiotic are poor. No children to educate.

Arenac.—No poorhouse and probably no poor farm.

Baraga.—No poorhouse nor farm reported.

Barry.—The poorhouse is located in the township of Hastings. The condition of buildings is good. Facilities for bathing are tub in basement. The building is warmed by a furnace, and ventilation is in connection with furnace and by transoms over doors. The paupers are treated kindly and humanely. Food consists of bread, meat, vegetables, tea, coffee, milk, syrup, etc. Suitable clothing for the different seasons of the year is provided, and the sick have medical attendance and extra nursing when required. We have rooms especially for the insane and idiotic. Children are sent to the district school.

Bay.—The poorhouse is located in the township of Hampton, about four and one-half miles from Bay City, the county seat. The house was not built for a poorhouse, but for a common farm house; of late years several additions have been erected, so that the house is at present all that could be desired for the purpose. We can furnish rooms and bedding for at least forty paupers. The outbuildings are quite numerous, distanced several rods from the house, and always kept in the best condition, being frequently repainted. Bath tubs are provided and all inmates are required to bathe once a week and oftener if necessary; all are required to bathe when admitted to the house, and to put on new clothes, provided by the county. The rooms are heated by wood and coal stoves. Ventilation of all the rooms is good and properly looked after, transoms being fixed over each door and window, and the windows in all rooms can be opened when necessary. The paupers are treated kindly, no corporal punishment being allowed. The keeper, Mr. James Partelo, and his wife, are untiring in their efforts to make the lives of the inmates pleasant and agreeable. They at all times desire to foster a mutual feeling of good will and kindness which seems to be fully appreciated. The food is good, wholesome and plentiful; it generally consists of fresh and salt meats, all kinds of vegetables that are grown on the farm, milk, butter, coffee, tea, etc. The clothing is suitable, and adapted to the different seasons of the year. We have two physicians (who are in partnership) engaged at a yearly salary, to attend the sick when necessary, their visits during the year being numerous. One death during the year, caused by paralysis. We have no insane in the poorhouse, all such being sent to the Eastern Insane Asylum at Pontiac, and there is only one idiot in the house at present, who is kindly treated—all inmates are kind to him. We have no children to educate, none being admitted, except infants accompanied by their mothers. All others are generally adopted by the citizens, or in some instances sent to the State Public School at Coldwater. Our present crops, we are pleased to state, are looking exceptionally well and promise a good and satisfactory yield. Mr. James Partelo, who has been our manager for several years, understands his business, is an excellent farmer, raising as good, if not the best crops in the township, in which our farm is located. Our farm contains 120 acres, all under cultivation, being well drained and in as good condition as any farm of its size in the county. Our last crops were as follows: Wheat, 420 bushels; oats, 950; peas, 72; corn, 900; potatoes, 300; carrots, 275; about 20 tons of good timothy and clover hay, also buckwheat, beans, onions, turnips, etc. We have on the farm two spans of horses, five colts, four milch cows, one bull, twenty pigs, two heifers and all necessary farming implements.

Benzie.—No poorhouse nor farm reported.

Berrien.—The poorhouse is located in Berrien township, three miles from Berrien Springs, the county seat. The condition of buildings is good.

Branch.—The poor farm is located in the township of Coldwater, two miles north of the city of Coldwater. The house and other buildings are in good repair. The house

is warmed by steam. The management of the farm and poorhouse are first-class, and the inmates are kindly and intelligently cared for.

Calhoun.—The poorhouse is located in the township of Marengo, about two and one-half miles from Marshall City. The poorhouse proper is a large two story frame building. We also have a good sized two story brick building, which is used for the insane and for hospital purposes. Facilities for bathing are two bath tubs with modern appliances. All departments are warmed by steam from the brick building. Ventilation of the frame building is by means of windows mainly, and of the brick building by modern apparatus. The inmates are treated with the utmost consideration, consistent, as we believe for their best good. The food is wholesome and abundant, including butter, milk and meat. Clothing comfortable, according to the seasons. We have good, light, airy rooms for the sick and try to give them the best of care. The building used for the insane and idiotic is new, the rooms thoroughly warmed and ventilated, and great pains are taken to keep them clean. Children are sent to the district school if kept in the poorhouse for any considerable time.

Cass.—The poorhouse is located in the township of Jefferson. The house, asylum and farm buildings are in good condition. The main buildings and asylum are built of brick. Facilities for bathing are a good bath tub, with water heated by steam. The buildings are warmed by steam. Ventilation of buildings is good. The paupers are treated kindly. The food is good, well cooked, and served at tables in the dining room; it consists of bread, meat, vegetables, tea and coffee. Good, comfortable clothing is furnished, suitable to the wants of the inmates during the different seasons. The sick are well cared for and provided with such food as they can eat. The violently insane are sent to the Kalamazoo Asylum. Our brick asylum is used for temporary cases. Children of suitable age and mental condition are sent to the State Public School at Coldwater. None capable of receiving an education are kept in the county house.

Charlevoix.—The poorhouse is located in the township of Eveline. The county rents the building, furnishes all the household goods and pays by the week for boarding paupers. The facilities for bathing are good. The building is warmed with stoves. Paupers are well treated. We have two rooms for the accommodation of the insane and idiotic.

Cheboygan.—The poorhouse is located in the city of Cheboygan. Facilities for bathing, one bath tub. The building is warmed by stoves, and ventilation is by opening doors and windows. The paupers are treated mildly. Their food is good and clothing comfortable. The sick are cared for by the keeper and inmates under physician's directions. No accommodations for insane and idiotic. We have one mildly insane old man who is locked in his room at night. There were two children in the poorhouse for a time, who were not of school age.

Chippewa.—The poorhouse is located in the city of Sault Ste. Marie. The facilities for bathing are bath tubs. The building is warmed by stoves, and ventilation is by doors and windows. The inmates are treated kindly. The food is good and nutritious, but plain. The inmates are comfortably clothed and kept warm in cold weather by such garments as are suitable for their needs. The sick are regularly visited by the county physician and are properly nursed and cared for by the keeper and his wife. No special accommodations are provided for the insane and idiotic, as there are no such inmates, except perhaps for a few days. No children are allowed in the poorhouse. The poorhouse and farm are in a very satisfactory condition, no particular improvements have been made during the past year, but the farm is being brought into a better state of cultivation; where eight years ago there was nothing but a thick growth of under-wood, we now have sixty-six acres cleared and under cultivation, with an excellent show of crops for this season.

Clare.—The poorhouse, located within the corporate limits of the city of Harrison, is in good condition. Facilities for bathing—bath tub. The building is warmed by wood stoves. Ventilation is by doors and windows. The paupers are treated kindly. Their food is good, plain and substantial. Inmates are supplied with such clothing as is suitable for the season of the year. For the care of the sick, competent physicians are employed. The insane are sent to the Northern Insane Asylum at Traverse City, and we have no idiotic. There are no children at present. When we have children, they are sent to the city schools. The poor farm is rented to the keeper, Mr. W. W. Harper, and we pay him for boarding and caring for the inmates.

Clinton.—The poorhouse is located in the township of Bingham. Facilities for bathing—bath tubs. The buildings are warmed by furnace and stoves, and the ventilation is fair. The treatment of the paupers, their food, clothing, and the care of the

sick are all good. For the insane and idiotic there is a brick building, separate from the poorhouse.

Crawford.—The poorhouse is located in the township of Grayling. The house is small, but in very good condition. We have no special facilities for bathing. The building is warmed by stoves, using wood for fuel, and ventilation is very good. We try to have the paupers well treated. We have a good comfortable house and have it tenanted by some good family, and pay a stipulated sum per week for boarding the paupers. The food, clothing, and care of the sick are all good. Have no accommodations for the insane and idiotic.

Delta.—The poorhouse is located in the township of Wells. The buildings are in good condition. The facilities for bathing are not very good. The buildings are warmed by stoves, wood being used for fuel, and the ventilation is good. The treatment of the paupers is first class. The food is good and clothing comfortable. For the care of the sick we have a first class hospital, with bath rooms, closets, steam heat and good ventilation. Sisters of St. Francis are employed as nurses. Have no accommodations for the insane and idiotic. We have very few children to care for. Our county institution is close to the public schools.

Dickinson.—We have no poorhouse nor farm. We find it is more economical to board those who have no homes in private houses than it would be to keep up a poorhouse. The large number assisted, as shown by this report, is on account of there being so many widows and small children who require temporary aid. We treat the poor of our county not as paupers, in the strict sense of the word, but as persons requiring temporary relief. We have none but those having partial means of subsistence aside from what they get from the county. There are a number of hospitals in the county and when we deem it necessary the sick are sent to one of them, but if we can find accommodations outside of hospitals we do so, on account of the expense.

Eaton.—The poor farm is located in the township of Chester. The farm consists of 160 acres and a wood lot adjoining of 40 acres. The buildings are ample and in good repair. Dwellings are all built of brick. Facilities for bathing are bath tubs in bath rooms. The buildings are warmed by steam and ventilation is by means of windows and transoms. Treatment of paupers is humane, no corporal punishment allowed. The food consists of beef, pork, and fish both fresh and salt, vegetables of all kinds raised on the farm, bread, butter and fruit, and milk used freely. The men's clothing is mostly woolen, but some light clothing is provided in the summer. Women's clothing is mostly cotton. The sick are cared for by the attending physician, and nursed by the keeper and matron, assisted by some of the inmates. No insane are kept at the county house. The children attend the district school.

Emmet.—The poorhouse is located in the township of Maple River. The house and buildings are in good condition. The facilities for bathing are tubs and buckets. The buildings are warmed by stoves and ventilated by doors and windows. Paupers are humanely treated. The food is plain. Clothing is woolen in winter and cotton in summer. The care of the sick is good. We have no accommodations for the insane and idiotic and there are no children to educate. We give the keeper the use of farm and pauper labor and pay him \$2 per week for boarding the inmates, but when any are sick and need care we pay additional for such service.

Genesee.—The county farm is located in the township of Burton, two and one-half miles south of the city of Flint. The poorhouse is built of brick, size 60x120 feet, and two stories high. The front rooms are occupied by the females, the rear rooms by the males, each department being provided with sitting, dining and bath rooms, with sleeping rooms on second floor. The facilities for bathing are good, the bath rooms being supplied with hot and cold water; the females are required to bathe every Friday and on Saturday the males are shaved and bathe,—this rule is strictly enforced. The rooms are all comfortably warmed with stoves. The ventilation is not good, the building being ventilated by opening windows and doors. All inmates are treated kindly, no favoritism being allowed. Those who are able perform some light work,—in most cases they prefer to do something. The aim is to supply the best and most substantial food. Good and plain clothing is what we buy and it is kept clean,—each person has two suits. For the care of the sick, we have separate rooms, although no regular hospital, and the doctor visits the house twice each week and oftener if necessary. We have accommodations for the mildly insane, but the idiotic are kept with the other inmates. The district school is near, and if there are any capable children they are sent to this school.

Gladwin.—The poor farm is located in the township of Sage, two miles from the city

of Gladwin, and contains 160 acres, about 65 acres being improved, the balance woodland. The only facilities for bathing are tubs. The building is warmed by stoves and ventilated by doors and windows. The paupers are treated very kindly by the keeper and his wife. The food is wholesome and of sufficient quantity. The clothing is furnished by the superintendents, at the expense of the county, and is all that is required. The sick have been uncommonly well cared for. We have no accommodations for the insane and idiotic. No provisions for the education of the children, except the district school. The poor farm is rented to the keeper at a cash rental, who boards and cares for the paupers for a stated price per week.

Gogebic.—No report.

Grand Traverse.—The poorhouse is located in Traverse City. The building, being a small dwelling house, is only a makeshift for a county poorhouse. There are no facilities for bathing. The building is warmed by stoves, wood being used for fuel, and ventilated by doors and windows. Paupers are well treated and provided with good food and comfortable clothing. The sick have good care.

Gratiot.—The poorhouse is located in the township of Newark. The buildings are in fair condition. The facilities for bathing are portable tubs. Buildings are warmed by stoves, wood being used for fuel, and ventilated by doors and windows. The treatment of paupers is good. Food consists of beef, pork, mutton, fish, potatoes, cabbage, turnips, eggs, milk, butter, bread, tea, coffee, syrup, etc. Clothing is warm and comfortable. The care of the sick is as good as possible. Accommodations for the insane and idiotic are three cells; they have good treatment. Children capable of learning, are sent to graded public schools.

Hilldale.—The poorhouse is located in the township of Cambria. The buildings are in good repair, are kept well painted, and are well adapted to the purpose for which they are used. For better protection against fire we have an elevated tank, from which water pipes run to convenient places about the house and yards, and hose is kept in several places around the buildings. The farm contains 200 acres of good land, which is at present under the care and supervision of Mr. Ball, who has held the position for 26 successive years. The facilities for bathing are good. Buildings are warmed by stoves and furnace, coal and wood being used for fuel. Ventilation is by windows and eight air flues in two large chimneys in main building. Only humane treatment of paupers is allowed. The food is as good as can be produced on the farm, and about \$400 worth of groceries have been used. Clothing is good; those, who work outside, are dressed comfortably summer and winter, and are furnished with good boots and shoes in bad weather. We have a quiet room, in which the sick are cared for by the keeper or his wife, as the case may require. A physician comes when called. We have two cottages, separate from the other buildings, for the insane and idiotic, one for the males and one for the females. Their treatment is as good as the circumstances will admit. Children who are old enough, are sent to the State School at Coldwater.

Houghton.—Our county poorhouse is situated in the township of Hancock, on the south shore of Portage Lake. The land is dry, poor and stony. The buildings are in good condition and well ventilated. Our only facilities for bathing are wash tubs. The buildings are heated by a furnace in the basement. Treatment of paupers is kind, but firm. They have three meals per day, vegetables and meat for dinner, and tea, bread and butter for breakfast and supper. The sick are fed by order of the county physician. The clothing is warm and heavy, to suit the climate. Our hospital is under the charge of the county physician. We have no accommodations for the insane and idiotic—have to send them to the asylum. If there is a sufficient number of children, we have six months school in winter.

Huron.—The poorhouse is located in the township of Colfax. The house and other buildings are in good condition. Facilities for bathing are bath room furnished with bath tub, tubs and pails. The buildings are warmed by stoves, wood being used for fuel, and ventilation is by fan lights, doors and windows. The treatment of paupers is good. The food consists of bread, vegetables, tea, coffee, pork, beef, butter, eggs, etc., in fact good wholesome fare. The clothing is woolen and cottonades. The sick are well cared for,—a physician is hired by the year and called in when needed. We have no insane, but have a cell which could be used if necessary. We have no children of school age, but there is a district school one half mile from poorhouse.

Ingham.—The poorhouse is located in the township of Meridian. Facilities for bathing—bath rooms. Buildings are warmed by stoves and hot air and the ventilation is good. Treatment of paupers is the very best. They have an abundance of plain, substantial food, and comfortable clothing. The sick are well cared for.

Ionia.—The poorhouse, located in the township of Ronald, is in good repair. Facilities for bathing are the same as formerly, pails and tubs. The building is warmed by a furnace and stoves. Ventilation is fair, but might be better. As near as possible, a good home is made for the paupers. The food is wholesome and substantial, with plenty of milk, vegetables and butter three times a day. The clothing is woolen and cotton, according to the season and requirements of the inmates. A physician visits the sick on call of the keeper, and a room is provided for use as a hospital. Accommodations for the insane are limited and we get along with idiotic as best we can. No provisions for the education of children.

Iosco.—The poorhouse is located in the township of Tawas. The house is in fair condition, other buildings good. We have no facilities for bathing. Buildings are warmed by a furnace and ventilated by transoms. The treatment, food and clothing of the paupers are good. The sick are attended by the county physician and have good care. There is an asylum about 100 feet from main building for the accommodation of the insane and idiotic. There is a school one half mile from county farm. The keeper is paid a stated price per week for boarding inmates.

Iron.—This county uses a rented building for a poorhouse and has no farm.

Isabella.—The poor farm and buildings are located in the township of Chippewa, about seven miles from Mt. Pleasant, the county seat of Isabella county. The main building, which is assigned to the use of the male inmates, is new and in good shape. The building occupied by female inmates and also as the residence of the keeper is in fair condition. There is a good bath room and tub in the male department, but none for the female inmates. The buildings are warmed by stoves, using wood for fuel. The main building is well ventilated, but the female department is ventilated by doors and windows only. The inmates are treated kindly and are not required to work beyond their strength and ability. The food is substantial, plain, well cooked and healthful, and something extra is always provided on holidays. The inmates have comfortable clothing, and the sick are well cared for. The physician examines the inmates twice each month and attends the sick when called by the overseer. The insane and idiotic are treated the same as other inmates, though it sometimes becomes necessary to restrain or confine some persons, which is done by putting them in cells. No children in the poorhouse capable of being taught, and if there were the district school is the only place where they could be sent.

Jackson.—The poorhouse, located in the township of Blackman, is in good condition. Facilities for bathing are bath rooms in both departments, and on both floors. The buildings are heated by steam, and ventilation is by transoms over all doors, and ventilating shafts in all chimneys. Treatment of paupers is kind and humane. Food consists of beef and pork, both fresh and salt, bread, vegetables and fruits in their season. Clothing is warm and comfortable. All wear underclothing in cold weather. A physician is hired by the year. We have wards for the insane in both departments. Children, if any in county house, are sent to the district school.

Kalamazoo.—The poorhouse is located in the township of Comstock. Buildings are in good condition. Facilities for bathing are bath tubs, warm and cold water, soap and towels. The house is heated by steam, and the rooms are kept warm and comfortable. Ventilation is such that every room can be ventilated without opening doors or windows. The treatment of paupers is good and humane. The overseer and matron are of the best. Food consists of bread, meat, potatoes, coffee, tea, milk and a general variety of vegetables in their season. Clothing is good and comfortable. The sick are well cared for—a physician is employed who comes once a week, and oftener if needed. Accommodations for the insane and idiotic are good. None of the insane are violent. Children, when with us, are sent to the district school.

Kalkaska.—No poorhouse nor farm.

Kent.—The poorhouse, located in the township of Paris, six miles southeast of the city of Grand Rapids, is new and in good condition, having been built last year. The farm contains 146 acres, all improved, and the barns are in good condition. Facilities for bathing—bath room. The house is warmed by steam, coal being used for fuel, and the ventilation is good. The paupers are treated kindly. Food consists of beef, pork, fish, milk, butter, tea, coffee, sugar, vegetables, etc., and clothing is of woolen and cotton, according to the seasons. The sick are attended by the county physician. All insane are sent to the Kalamazoo asylum, and the idiotic are well used. We have no children in the poorhouse.

Keweenaw.—The building occupied as a poorhouse is located in Eagle Harbor township. It is a frame building with suitable outbuildings, all in good repair. It is not

owned by the county. Facilities for bathing—ordinary wash tubs, etc. The buildings are warmed by wood stoves, and ventilation is by doors and windows. Good treatment of the inmates is required from the keeper. The food is plain and substantial, and clothing is comfortable and durable. The sick are cared for by an attending physician. We have no insane nor idiotic in the poorhouse. Children are educated at the public schools.

Lake.—The poorhouse is located in the township of Chase. The condition of the house and other buildings is good. Facilities for bathing are bath room, with hot and cold water. The buildings are warmed by stoves. Ventilation is by doors, windows and transoms. The treatment of paupers is kind and humane—corporal punishment is forbidden. Food consists of fresh and salt pork, fresh beef, eggs, milk, wheat and corn bread, oat meal, rice, pie, cake and all kinds of vegetables. The overseer's and paupers' tables are furnished alike. Clothing is woolen in winter and cotton in summer, which is kept clean and in good repair. The sick are provided with medical attendance and medicines, and nurses are furnished both day and night when necessary. We have a comfortable cell for insane or unmanageable persons, who receive good treatment, no abuse being allowed. A physician, employed by the year, attends them when necessary. Children are sent to the district school while they remain with us.

Lapeer.—The poorhouse is located in the township of Mayfield. The facilities for bathing are bath tubs with hot and cold water. The buildings are warmed by hot water and the ventilation is by flues in chimneys, and transoms. Paupers are humanely treated. Their food is plain, plentiful and of good quality, and their clothing suitable to the seasons. The sick are attended by the county physician. We have no special accommodations for the insane and idiotic, but they receive good treatment. Children are sent to the district school.

Leelanau.—No poorhouse nor farm.

Lenawee.—The poorhouse, located in the township of Madison, is in good repair. Last September three barns, hog house, hen house, corn house, and grain and hay were burned. We have built during the year a barn, hog house, corn house, hen house, tool house and granary. The horse barn escaped the fire and is in good condition. Facilities for bathing are two good bath rooms. Buildings are heated by steam and ventilation is by windows. The paupers are treated kindly. Their food consists of an abundance of all that is raised on the farm, and clothing is cotton for summer and woolen for winter. For the care of the sick we have a good hospital, and a physician, hired by the year. We have an outside building for noisy idiotic. Insane are not kept in the institution. Children are sent to the district school.

Livingston.—The poorhouse, located in the township of Marion, is in good condition. The facilities for bathing are good. The house is warmed by hot water and the ventilation is fair. Treatment of paupers, food, clothing and care of the sick are all good. There are no accommodations for the insane and idiotic. Children are sent to the district school.

Luce.—The poorhouse, located in the township of McMillan, is a two story frame building. Its general condition is good. There are no special facilities for bathing. The building is warmed by wood stoves, and ventilation is by windows. Paupers are well treated. Their food is good, but plain, and their clothing plain and comfortable. The sick are well cared for. We have no accommodations for the insane and idiotic, and there are no children in the poorhouse.

Mackinac.—The poorhouse is located in the township of Brevort, about ten miles from St. Ignace, the county seat. The house is a two story frame building, in fair condition. Bath tubs are used for bathing purposes. The building is heated by stoves and drums, and ventilated by doors and windows. Paupers are treated kindly and furnished with good, wholesome food. When in need of clothing they are furnished with what is necessary, but very little is required, as paupers are mostly transient. The sick are kindly treated and furnished a physician when required. We have no accommodations for the insane and idiotic, and no children at poorhouse to educate. We employ our keeper and his wife by the year, paying them \$125, the keeper boarding paupers sent to the poorhouse, at \$12 per month, furnishing good and wholesome food. The keeper also works the poor farm on shares, he furnishing the necessary seed, labor, etc. We find that this works well in our case, as we have but few paupers in the poorhouse—at present we have but one inmate.

Macomb.—The poorhouse is located in the township of Clinton, one and one-half miles northwest of Mt. Clemens. Condition of buildings A 1, good. Facilities for

bathing are bath tubs. Buildings are warmed by steam and are fairly well ventilated. Treatment of paupers is kind and humane. Food is plain, wholesome and abundant, and clothing is good, appropriate to the season, and kept clean. The sick are cared for in the hospital, not connected with other buildings, and treated by a salaried physician. We have a separate building for the insane and idiotic, and they are kindly treated. Children are sent to the public schools in Mt. Clemens.

Manistee.—The poorhouse is located in the township of Manistee. The house and all other buildings on the county farm are in first-class condition in every respect. Facilities for bathing are two bath rooms with hot and cold water. The rooms occupied by the inmates are heated by three furnaces, those occupied by Mr. Horton, the keeper, are heated by stoves. Ventilation, by double chimneys with ventilating flue in center, is fair. The new addition built last year has an open fireplace at the east end of main hall. Treatment of paupers is kind and humane in every respect. The food is of good quality, well cooked, well served, and there is plenty of it. Clothing is substantial and suited to the seasons. The sick are as well cared for as is possible in an institution of this kind. Since the new addition to our poorhouse has been finished we have ample room for hospital and sick wards. We have fitted up a room for special use in taking care of insane persons until they can be sent to the asylum. We do the best we can with the idiotic, keeping them isolated from all other inmates as much as possible. There is a good and well kept district school one-half mile from the poorhouse, but we do not keep children of school age in the poorhouse any longer than absolutely necessary.

Manitou.—No report.

Marquette.—The poorhouse is located in South Marquette. The buildings are in fair condition, considering their age. Bath tub with hot and cold water is used for bathing. The building is heated by steam and stoves, and ventilation is by air shaft, windows and doors. Treatment of paupers is kind and considerate, consistent with reasonable rules. Those who are able are required to do light work, sufficient to give them a good appetite. We supply the inmates with plenty of plain, wholesome food, and clothing is good and sufficient, suitable to the climate. The sick have good nursing and medical care. All insane and idiotic are treated kindly. Cells are provided for the violently insane. We rarely have children of school age,—when we do they are sent to the public school, two blocks from the poorhouse.

Mason.—The poorhouse is located in Amber township. Facilities for bathing are tubs and pails. The building is warmed by stoves and ventilated by doors and windows. The treatment of paupers is kind but firm. Food is good and clothing comfortable. The sick are cared for by a physician and farm help. Have no accommodations for the insane and idiotic. Children are sent to the country schools.

Mecosta.—The poorhouse is located in the township of Mecosta. It is in good repair and is kept neat and clean. Facilities for bathing—bath tub. The building is warmed by furnace, and ventilation is by means of ventilators in chimneys. Treatment of paupers is kind but strict. Their food is good and substantial, and their clothing cotton in summer and woolen in winter. The sick are well cared for. The insane are sent to the asylum and idiotic kept in the building. Children are educated at the district school.

Menominee.—The poorhouse, located in the city of Menominee, is in first-class condition. Facilities for bathing consist of two bath tubs. The building is warmed by steam and ventilated by transoms. The paupers are treated kindly. They have good food, and their clothing consists of woolen in winter and cotton in summer. The sick have the best of care. We have two rooms fitted up for temporary care of insane and idiotic. Have no children to educate. We pay the keeper of poorhouse \$3.75 per week for board and care of inmates, hence keeper's salary is included in food purchased.

Midland.—The poorhouse is located in the township of Midland, four miles from the city of Midland. The house stands near the bank of the Tittabawassee river, and is flooded nearly every spring; it is not in very good condition, but other buildings are. Facilities for bathing are bath tubs, suitably arranged. The building is warmed by wood stoves, and ventilation is by doors and windows. The paupers are treated kindly. Their food is wholesome and clothing good. The sick are attended by the county physician. Have rooms for the insane, but do not keep any, nor do we keep children at the poorhouse; they are sent to the State school.

Missaukee.—The poorhouse is located in the township of Reeder, four miles south and one-fourth mile east of Lake City, the county seat. The condition of poorhouse and all other buildings is good. Bath tubs are used for bathing. The main building,

female inmates department, and dining room for male inmates are heated by a furnace; the balance of male department is heated by stoves. Ventilation is by doors, windows and transoms. The paupers are treated kindly. Food consists of bread, butter, milk, pork, beef, tea, coffee, pie, cake, potatoes, oat meal, corn meal and vegetables. Clothing is good, comfortable and suitable for the season. The county employs a physician by the year and the keeper's contract provides for the care of the sick, which is properly done. For the accommodation of the insane and idiotic we have a small frame building, containing four rooms, two of which have iron grates at doors and windows. The insane and idiotic are not confined here any longer than necessary for the proper authorities to pass upon their cases. No children kept in the poorhouse.

Monroe.—The poorhouse is located in the township of Monroe. The buildings are all in first class condition. Facilities for bathing are good. The buildings are warmed by three furnaces and two coal stoves, and are well ventilated. The paupers are treated with kindness. Clothing for males in summer is cottonade, with cotton-flannel underwear in winter; for females cotton denims and prints, with cotton underwear in winter. The sick have good care. The accommodations for the insane and idiotic are good. The teaching of children is done by the matron.

Montcalm.—[Superintendents report no change from last year, hence we copy.] The poorhouse is located in the township of Fairplains, four and one-half miles east of Greenville. The condition of the house and other buildings is good, considering the time they have been built. Facilities for bathing are bath tub with hot and cold water. Buildings are warmed by stoves and ventilated by doors, windows and ventilators in chimneys. The treatment of paupers is humane. The food is good and healthy and inmates are given all they want. Clothing is comfortable. A physician visits the house once a week and oftener when necessary. For the insane and idiotic we have a separate building, with living room attached, for the matron, whose sole duty is to care for them. Children attend the district school.

Montmorency.—No poorhouse nor farm reported.

Muskegon.—The poorhouse is located in the township of Muskegon, two miles from the city of Muskegon. The main part of the house is old, but the additions are good, and on the whole are in good repair, comfortable, and quite well arranged for the purpose. The barn is small and old. Our facilities for bathing are bath tubs supplied with water from the wind-mill. The house is warmed by a furnace. There are no means of ventilation except by doors and windows. Treatment of paupers is meant to be, and we believe is, kind. We changed the keeper this spring, and believe we have a very capable and kind keeper and wife. Food is good, consisting of meat of different kinds, salt and fresh fish, bread, butter, milk, vegetables and fruits in their season. The cooking is done by the keeper's family. Clothing is good, consisting of woolen and cotton, suitable to the seasons, and is kept clean and well mended. The sick are cared for by the keeper's family, assisted by such of the inmates as are capable, and are well attended by our county physician. Insane and idiotic are cared for as best we can, with no special facilities for caring for them. We have three cells in which to confine them when violent, but lately have had so many insane that they have caused us a great deal of trouble, and sometimes the idiots make the house almost untenable. We seldom have children, except some who stay for a short time preparatory to going to the State School at Coldwater. There is a public school within one-half mile, to which we send them.

Newaygo.—The poor farm is located in the townships of Sherman and Garfield.

Oakland.—The poorhouse is located in the township of Waterford. The house and all other buildings are in good condition. Facilities for bathing are better than the disposition to use them. Buildings are warmed by steam. Ventilation is sufficient for health and comfort. Paupers are treated like unfortunate human beings. Food is good in quality and ample in quantity. Clothing is comfortable and clean. The sick are cared for as the physician directs. The insane and idiotic are given plenty of food and warmth, and some exercise. We have no children capable of being educated.

Oceana.—The poor farm is located in the township of Hart. The poorhouse is a wooden building, which has been enlarged at different times to accommodate the needs of the county poor. A kitchen and dining room were built on last year. The whole building is in fair condition, and will be repainted this summer. The barns and out-buildings are commodious and in good condition. Facilities for bathing are fair. We have a good bath tub and good facilities for heating water. The buildings are warmed by wood stoves, of which there are a sufficient number to insure comfort. Ventilation is by means of transoms and windows. The treatment of paupers is very considerate.

Food is good, plain and plentiful. Clothing is comfortable and sufficient. The sick have good care. Accommodations for the insane and idiotic are limited to four comfortable wooden cells. Their treatment is good. There is a public school one-half mile from the poorhouse.

Ogemaw.—The poor farm is located in the township of West Branch, just outside the village of West Branch. The poorhouse is a large frame building, painted inside and outside. The barn, hen house and hog house are frame buildings, and are all in good repair. The paupers are provided with wash bowls and pitchers, towels, soap, and plenty of water. There are no bath rooms in the house. The rooms in the lower story are warmed with heating stoves, and registers in the ceiling allow the heat to ascend to the rooms above, warming them comfortably. There is no system of ventilation other than the lowering of windows, but it is no trouble to keep the air pure. The paupers are treated kindly. The food is good and substantial, and consists of bread, butter, potatoes, tea, coffee, meat, etc. Clothing is good; woolen is provided in winter. For the care of the sick we have a large room on the first floor, and a physician hired by the year attends promptly when called. No insane nor idiotic are kept here—all such are removed at once to the asylums. Have a good school free for all children.

Ontonagon.—The poorhouse is located in the township of Ontonagon. The house, barn, etc., are all in good condition. Facilities for bathing are zinc bath tubs. Buildings are warmed by wood stoves and ventilated by windows. Paupers are well treated and their food is good. Their clothing is warm and clean. A physician is employed by the year to care for the sick. There are no accommodations for the insane and idiotic, and no children to educate. The keeper has no salary, but has use of farm free of rent.

Osceola.—The poorhouse is located in the township of Sylvan. All buildings are in good condition. Facilities for bathing are bath tubs in good condition. Buildings are warmed by stoves and ventilated by windows and transoms. Treatment of paupers is kind and their food wholesome. Clothing is warm and comfortable. A competent physician cares for the sick. We have an asylum attached to the house for the insane and idiotic and they are well treated. Children are sent to the district school.

Oscoda.—We have no poorhouse nor farm.

Otsego.—The poorhouse is located in the township of Livingston. The house is in good condition but the barn is poor. There are no facilities for bathing. The building is warmed by stoves and ventilated by transoms over doors and windows. Treatment of paupers, food, clothing and care of the sick are all good. There are no accommodations for the insane and idiotic. There is a schoolhouse on the poor farm to which children may be sent.

Ottawa.—The poorhouse, and farm containing 240 acres, about 60 being wood land, are located in the township of Polkton. [Superintendents report nothing new to be said under any of the several questions asked, hence we copy.] The poorhouse is a solid brick structure, three stories above the basement, and with all other buildings on the farm is in excellent condition. In the basement are bathing vats, supplied with hot and cold water. All paupers are required to bathe at least once a week. The building is warmed by two wood furnaces in the basement, which keep all parts of the building comfortable. Ventilating flues were constructed in the chimneys when the house was built. All the rooms of the paupers' department, except where smoke from tobacco pipes taints the air, seem to be well ventilated and wholesome. Paupers are treated with kindness. Employment of some kind on the farm or in the house is found for every inmate, physically or mentally competent to perform manual labor. These people seem interested in their labors, undertake them cheerfully and are far more contented and less fault-finding than when idle. Vegetables, wheat bread, oat meal, corn meal, the milk and butter of from ten to twelve cows, with beef, pork and mutton, are the substantials of the table. Tea, coffee, sugar and syrups are supplied in abundance. Tobacco is furnished to all those who have the habit. The dishes are varied from day to day to insure strong appetites and healthy relish for all meals. The winter clothing is of mixed cotton and wool goods, and lighter fabric of cotton or mixed for summer. Underclothing, suitable to the season and the condition of the person, is always supplied. The sick are nursed in their rooms, attended by a physician, and are supplied with all the comforts of a private house. Ordinary household remedies are always at hand in the poorhouse. A small frame building separate from the main structure is used for the insane and idiotic. It is warmed by wood stoves, well lighted and with fair ventilation. We have no children capable of being educated.

Presque Isle.—No poorhouse nor farm reported.

Roscommon.—No poorhouse nor farm.

Saginaw.—[The superintendents report: "Same as last year," hence we copy.] The poorhouse is located in the township of Saginaw. The general condition of the house and other buildings is first class in every respect. There is a bathroom and bath tub in the male and female departments, which are used as often as necessary in the judgment of the keeper and matron. The poorhouse is heated by steam. Ventilation is perfect in every respect, there being ventilating air stacks on each floor. Paupers are well and kindly treated; we allow no corporal punishment. If any are refractory or refuse to obey the rules, they are treated to a dose of solitary confinement, which soon brings them to their senses. Food is good and wholesome. We furnish good comfortable clothing, adapted to the seasons and sexes. The sick are well cared for. There is a hospital in the male and female departments. We have a physician employed by the year, who visits the poorhouse as often as is necessary, but not less than once each week. We have a detached brick building for the detention of the insane and idiotic, when necessary to do so; at other times they roam about their part of the poorhouse and assist all they can about the premises. Children, when we have any, are sent to the district school if their minds are capable of receiving instruction. We have one of the most substantial poorhouses in the State, of the following dimensions: 120x48 feet, two stories and basements, constructed entirely of stone, brick and iron, with slate roof, making it as nearly as possible fire proof. The sub-basement contains the cisterns, cellars, boiler room and piping for heating and ventilating. The basement contains keeper's office and dining room, kitchen, laundry and male and female dining rooms for the paupers. The first story contains parlor, sitting and bedroom for the keeper, male and female sitting rooms, male and female hospitals, bathrooms, etc., for the paupers. The second story contains two bedrooms for the keeper's family and hired help, the balance of this floor being used for dormitories for male and female inmates. The sexes are kept apart by brick walls and partitions from top to bottom. In conclusion, everything is in first class condition and under the personal supervision of the keeper and his wife, who have given good satisfaction.

Sanilac.—The poorhouse is located in the township of Lexington. The general condition of the house and other buildings is good. The facilities for bathing are bath rooms and tub. The building is warmed by wood and coal stoves and ventilated by doors and windows. Paupers are well treated and their food is good. Clothing is suitable for the seasons. The sick are well cared for and the accommodations for the insane and idiotic are good. There are no children to educate.

Schoolcraft.—The poorhouse, located in the township of Hiawatha, is in good condition as to cleanliness and warmth. A bath tub is used for bathing. The building is warmed by wood stoves and ventilated by windows and doors. The paupers are treated kindly, but with decision. Food is of the best quality and sufficient in quantity. Clothing is furnished when necessary. The sick are well cared for. There are no accommodations for the insane and idiotic. Children are not kept in the poorhouse.

Shiawassee.—The poorhouse is located in the township of Caledonia. The old buildings are in fair condition. We have a new brick upright now occupied and intend to complete wing at the earliest opportunity and dispense with the old building, which has stood many years. The facilities for bathing are good. Buildings are heated by stoves and furnaces, and ventilated by doors and windows. The paupers are well treated and well supplied with a good variety of food. The paupers are comfortably clad at all times and supplied with changes suitable for attending church or visiting friends. The sick are well cared for. We have ample accommodations for all classes, idiotic, insane, or belligerent. There is a school within a mile of the poorhouse to which children capable of learning are sent.

St. Clair.—The poorhouse is located in the township of Wales. Facilities for bathing are good. The buildings are warmed by furnaces and are well ventilated. Paupers are well treated and provided with good food and warm and comfortable clothing. The sick are cared for by a physician and nurses. Accommodations for the insane and idiotic are good. We have no children able to attend school.

St. Joseph.—The poorhouse is located in the township of Fawn River. We have a fine new house built during the year, newly furnished, and capable of accommodating about sixty inmates. We feel quite proud of our new home. The old house has been divided into three parts, moved back, placed on good foundations and used for tool house, storage of farm implements, hog house, and various purposes, and fills a long felt want. All other buildings are in good shape. Facilities for bathing are good bath tubs. Buildings are warmed by steam and ventilation is good. Treatment of paupers could not be better. Food and clothing are good, and the sick receive very kind care.

The accommodations for the insane and idiotic are fair. No children are kept in the poorhouse.

Tuscola.—The poorhouse is located in the township of Almer. The general condition of the house and outbuildings is good. Facilities for bathing are bath rooms and tubs. The buildings are heated by steam and ventilated by doors and transoms. Paupers are kindly treated. No harsh treatment allowed. Food is substantial, furnished principally from the farm, and clothing consists of cotton for summer and woolen for winter. The sick are cared for by the keeper and wife, and physician when necessary. There are cells for the confinement of insane and idiotic when they become vicious or unmanageable. Harsh treatment in the management of such cases is never allowed. Children are educated at district school within three-quarters of a mile of poorhouse.

Van Buren.—The poorhouse is located in the township of Hartford, about half way between the villages of Lawrence and Hartford, and is well situated on a rise of ground which makes it very airy and cool during the warm weather. The house is nearly new and in good condition, and the barns are in good repair and conveniently located. Facilities for bathing are not of the best, there being no water in the building except in a cistern, but bathing of the inmates is strictly attended to. All are required to bathe once a week and oftener if necessary. The house is warmed by two hot-air furnaces, and ventilated by cold air flues, doors and windows. The inmates are treated kindly; those who are able have such work to do as their physical and mental condition will allow. The most of the food is raised on the farm and is of good quality. We also use the milk and butter from thirteen cows. The clothing is comfortable and suitable for the seasons. The sick are well cared for in the same building, a physician visiting them once a week and as much oftener as is necessary. There are no insane kept in, the poorhouse, and the idiotic are cared for in the same building with the other inmates. All children who are eligible are sent to the State School at Coldwater, others attend school at the corner of the county farm, a short distance from the poorhouse.

Washtenaw.—The poorhouse is located in the township of Pittsfield. The farm contains 120 acres of rolling land, with gravelly soil. Farm and buildings are in good, fair condition. Facilities for bathing are bath tubs, and inmates are required to bathe each week. Buildings are heated by steam, using soft coal for fuel. We use about 150 tons, which costs \$2.65 per ton on the track at Ann Arbor. Ventilation of buildings is by means of the steam heating apparatus. Treatment of paupers is kind but firm. They are required to work part of each day, if able. Food is good and plain, well cooked, and there is plenty of it. Clothing is suitable to the season of the year. The male sick are cared for in a hospital for males, with male attendant, and the female sick in hospital for females, with female attendant. We have no accommodations for the insane. They are sent to the asylum at Pontiac. The mildly insane are cared for as best we can. We do not keep children here that are eligible to the public school, but have some here at present that have been returned to us from the school at Coldwater.

Wayne.—The county poorhouse and asylum are located in the township of Nankin and, with the exception of a small portion, are entirely new. The outbuildings are also mostly new, and all the buildings are in first class condition. There are bath tubs provided for bathing purposes. All inmates whose health will permit are compelled to bathe on entering the institution, and are given an entire change of clothing, if found necessary, before being assigned quarters, and are also required to bathe not less than once a week thereafter. The main buildings are heated by steam from the battery of boilers located in the boiler house, apart from the institution. The ventilation of the buildings is good, special attention having been given to that feature when the buildings were erected. The rules and regulations of the superintendents of the poor prohibit any ill treatment of inmates. Refractory patients are punished by being discharged from the institution, or when there is a breach of the peace, by being brought before a justice of the peace for trial and punishment. The food consists of the best quality of fresh and salt beef, salt pork, fish, vegetables, etc. Good bread, tea and coffee, rice, rolled oats, etc., with a special diet for the sick, as ordered by the house physician. Good, substantial and seasonable clothing is supplied in ample quantities. Separate apartments are used for hospital purposes, with a physician in constant attendance. Attendants and nurses are also provided. We have separate buildings constructed of brick, with slate roofs, and especially designed for the accommodation of the insane and idiotic. This department is under the charge of a medical superintendent and an assistant physician who are experts in the treatment of the insane. There is also a matron and a sufficient number of supervisors and attendants, and every precaution is taken for the care and comfort of the inmates. No children of

school age are kept in the institution for any length of time; they are provided with homes as soon as possible by being committed to the State Public School, as provided by law. We have a large, commodious chapel, capable of holding some two hundred persons, where the various denominations hold Sabbath and week-day services in their turn.

Wexford.—The poorhouse is located in the township of Colfax. The house and other buildings are in good order. Facilities for bathing are bath tub. The building is warmed by a furnace, and is well ventilated. The paupers are kindly treated. Food is good and well cooked, and clothing is plain but warm. The sick have good care. Accommodations for the insane and idiotic are poor. Children are sent to the district school.

SCHEDULE B.

Names and postoffice addresses of Superintendents of Poor, as signed officially to their reports, 1893.

Counties.	Names.	Postoffice.
Alcona	{ Peter Effrick	Harrisville.
	{ Eli M. Barker	Glennie.
	{ D. Mulholland	Alcona.
Alger	{ J. Gogarn	Hogarnville.
	{ J. W. Belknap	Onota.
	{ C. Duquette, Jr.	Au Train.
Allegan	{ C. W. Calkins	Allegan.
	{ L. Bailey	"
	{ Elisha Mix	"
Alpena	{ Thomas Jermin	Alpena.
	{ H. H. Van Anken	"
	{ Geo. H. Gray	"
Antrim	{ George L. White	Mancelona.
	{ James Williams	Central Lake.
	{ James C. Abbott	Bellaire.
Arenac	{ William Lutze	Sterling.
	{ W. A. Hill	Au Gres.
	{ Thomas Grashaw	Standish.
Baraga	{ E. H. Ormsby	Baraga.
	{ John Q. McKernan	L'Anse.
	{ J. G. Turner	"
Barry	{ W. F. Hicks	Hastings.
	{ Philip W. Burgess	"
	{ Henry Houghtalin	Quimby.
Bay	{ Alphonso Walther	Bay City.
	{ William Maxson	Esserville.
	{ H. J. Downer	West Bay City.
Benzie	{ P. A. Smith	Homestead.
	{ L. P. Judson	Benzonia.
	{ E. B. Frost	Frankfort.
Berrien	{ J. T. Beckwith	Gallen.
	{ R. Morrill	Benton Harbor.
	{ T. W. Reynolds	Berrien Springs.
Branch	{ S. A. Warren	Union City.
	{ J. C. Pierce	Coldwater.
	{ H. P. Mowrey	Bronson.
Calhoun	{ A. O. Hyde	Marshall.
	{ H. A. Whitney	Battle Creek.
	{ J. Laberteaux	Albion.
Cass	{ William Adams	Dowagiac.
	{ W. J. Keasey	Cassopolis.
	{ H. C. French	"
Charlevoix	{ R. A. Miller	Ironton.
	{ Geo. W. Bailey	Boyer City.
	{ L. C. Madison	East Jordan.

SCHEDULE B.—CONTINUED.

Counties.	Names.	Postoffice.
Cheboygan	{ Bernard Brogan	Cheboygan.
	{ John Heaphy	"
Chippewa	{ John Gurnoe	Sault Ste. Marie.
	{ Alexander Ross	"
Clare	{ D. R. Wait	Farwell.
	{ P. E. Witherspoon	Harrison.
	{ A. W. McIntyre	Clare.
Clinton	{ C. E. Ball	St. Johns.
	{ J. Dunn	"
	{ H. M. High	Ovid.
Crawford	{ R. P. Forbes	Grayling.
	{ Edward Smith	Rosecommon.
	{ John J. Coventry	Frederic.
Delta	{ Thomas J. Tracy	Escanaba.
	{ D. C. Dillabeaugh	Rapid River.
	{ Daniel Kelly	Garden.
Dickinson	{ Thomas Hay	Norway.
	{ J. B. Gaston	Metropolitan.
	{ W. E. McClintock	Iron Mountain.
Eaton	{ William W. Stine	Charlotte.
	{ H. P. Webster	Eaton Rapids.
	{ C. A. Merritt	Charlotte.
Emmet	{ J. J. Hankey	Petoskey.
	{ William H. Lee	Harbor Springs.
Genesee	{ John McKarober	Flint.
	{ L. J. Hitchcock	"
Gladwin	{ Horace R. Clark	Gladwin.
	{ Sylvester Raymond	"
Gogebic	No report.	
Grand Traverse	H. D. Campbell	Traverse City.
Gratiot	{ C. E. Webster	Ithaca.
	{ I. W. Montague	"
	{ N. S. Baldwin	St. Louis.
Hilledale	{ Joel B. Norris	Hilledale.
	{ Warren Atwood	Frontier.
	{ Charles W. Lovel	Jonesville.
Houghton	Philip Schenermann	Hancock.
Huron	{ Septimus Irwin	Bad Axe.
	{ Francis Thompson	Kilmanagh.
	{ M. Hanselman	Ruth.
Ingham	{ C. L. Casterlin	Mason.
	{ M. A. Dennis	
Ionia	{ Frank C. Sibley	Ionia.
	{ Jas. L. Fowle	"
	{ Amon Otis	"
Iosco	{ Angus F. McDonald	An Sable.
	{ Thomas Bradley	Tawas City.
	{ John Sullivan	East Tawas.
Iron	{ Frank Raher	Crystal Falls.
	{ T. B. Breck	Amasa.
Isabella	{ Lanson Wing	Calkinsville.
	{ F. D. Woodard	Horr.
	{ M. O'Boyle	Mt. Pleasant.
Jackson	{ C. S. Anderson	Rives Junction.
	{ A. A. Sullivan	Leon.
	{ M. H. Hawley	Jackson.

SCHEDULE B.—CONTINUED.

Counties.	Names.	Postoffice.
Kalamazoo	{ H. W. Bush	Kalamazoo.
	{ A. H. Carr	Galesburgh.
	{ Z. N. Robinson	Vicksburg.
Kalkaska	{ N. A. French	Kalkaska.
	{ Henry Lannin	Westwood.
	{ Elon Murray	South Boardman.
Kent	{ David Lankester	Grand Rapids.
	{ Henry Mitchell	" "
	{ John Headley	" "
Keweenaw	{ William B. Wright	Eagle River.
	{ A. A. Bennett	Phoenix.
Lake	{ A. S. Randall	Baldwin.
	{ Daniel Y. Gingrich	Reed City.
	{ J. G. Rogers	Chase.
Lapeer	{ John Hevener	Lapeer.
	{ W. T. Dodge	Imlay City.
	{ G. D. Miller	North Branch.
Leelanau	{ George A. Craker	Omena.
	{ Abraham Erickson	Good Harbor.
	{ John Dorsey	Empire.
Lenawee	{ J. W. Finch	Adrian.
	{ J. H. Livesey	Sand Creek.
	{ W. M. Corbett	Blissfield.
Livingston	{ G. W. Teeple	Pinckney.
	{ A. W. Messenger	Iosco.
	{ Frank O. Burt	Howell.
Luce	{ Robert Tait	McMillan.
	{ Isaac Pentland	Newberry.
	{ B. W. Leighton	"
Mackinac	{ Michael Cassidy	Gould City.
	{ Michael Murray	St. Ignace.
	{ Walter Briggs	Moran.
Macomb	{ G. W. Robertson	Mt. Clemens.
	{ T. W. Newton	"
	{ A. Greiner	"
Manistee	{ Christian Hanser	Manistee.
	{ J. W. Bennett	"
	{ James Dodd	Bear Lake.
Manitou	No report.	
Marquette	{ E. C. Cooley	Ishpeming.
	{ John Milroy	Michigamme.
	{ C. D. Blanchard	Marquette.
Mason	{ David Baird	Ludington.
	{ F. N. Latimer	"
Mecosta	{ J. F. Clark	Big Rapids.
	{ H. Bennett	Stanwood.
	{ George Minkel	Remus.
Menominee	{ N. Peterson	Spalding.
	{ Jacob Muth	Menominee.
	{ Jacob Woerner	Stephenson.
Midland	{ Thomas J. Secor	Midland.
	{ Daniel W. Chase	"
Missaukee	{ Hiram Schepers	Vogel Center.
	{ Frank L. Downing	Manton.
	{ W. J. Roche	Lake City.
Monroe	{ Peter Duseau	LaSalle.
	{ Benj. McLaughlin	Carlton.
	{ S. W. Curtiss	Monroe.

SCHEDULE B.—CONTINUED.

Counties.	Names.	Postoffice.
Montcalm	{ R. C. Miller	Greenville.
	{ Oscar Fenn	Stanton.
	{ J. P. Shoemaker	Amaden.
Montmorency	{ Milo Wilson	Vienna.
	{ Alonzo Smith	Atlanta.
	{ Daniel Brown	"
Muskegon	{ Joseph H. Parsons	Muskegon.
	{ Warren F. Odion	Twin Lake.
	{ G. Knowles	Ravenna.
Newaygo	{ Job T. Reynolds	Fremont.
	{ Eugene Decker	Big Rapids.
	{ William Glanville	Newaygo.
Oakland	{ A. W. Hovey	Pontiac.
	{ J. W. Leonard	"
	{ J. S. Stockwell	"
Oceana	{ Frank Evans	Shelby.
	{ John F. Cumming	Meare.
Ogemaw	{ Irving Quackenbush	West Branch.
	{ William Emer	Campbells Corners.
Ontonagon	{ Thomas Edwards	Ontonagon.
	{ B. F. Chynoweth	Rockland.
Osceola	{ Charles A. Kidder	Tustin.
	{ J. U. Powell	Sears.
	{ Hugh T. Lewis	Hersey.
Oscoda	{ Henry Dew	Mio.
	{ Benj. F. Eckley	"
	{ Stephen Richardson	Luzerne.
Otsego	{ G. M. Stevenson	Vanderbilt.
	{ Henry Osborn	Gaylord.
	{ S. E. Qua	"
Ottawa	{ William N. Angel	Grand Haven.
	{ Wiepke Diekema	Holland.
	{ Alexander Noble	Coopersville.
Presque Isle	{ Joseph Lieske	Posen.
	{ William Brege	Rogers City.
	{ Ferdinand Tank	"
Rosecommon	{ Alex Johnston	Rosecommon.
	{ Duncan Cameron	Prudenville.
	{ Marks Marsh	Rosecommon.
Saginaw	{ Thomas Hyman	Saginaw, E. S.
	{ Thomas L. Jackson	" W. S.
	{ Frank W. Allen	"
Sanilac	{ James Hands	Peck.
	{ Nelson Cameron	Port Sanilac.
	{ George Mahon	Charleston.
Schoolcraft	{ A. L. Hill	Manistique.
	{ John Patterson	Thompson.
	{ M. A. Morrison	Seney.
Shiawassee	{ A. B. Chipman	Owosso.
	{ John H. DeHart	Vernon.
	{ C. Holman	Corunna.
St. Clair	{ Nelson L. Roberts	Port Huron.
	{ Friend Palmer	St. Clair.
	{ Martin Stapleton	Emmet.
St. Joseph	{ G. Everitt	Sturgis.
	{ E. Flanders	Mendon.
	{ W. L. Thoms	Centerville.

SCHEDULE B.—CONCLUDED.

Counties.	Names.	Postoffice.
Tuscola	{ James D. Sutton	Caro.
	{ Philip Eckfeld	Columbia.
Van Buren	{ H. A. Chapin	Paw Paw.
	{ H. C. Maynard	Hartford.
	{ J. H. Haynes	Decatur.
Washtenaw	{ Elisha Loomis	Ypsilanti.
	{ C. H. Kempf	Chelsea.
	{ E. P. Mason	Ann Arbor.
Wayne	{ A. H. Baynor	Detroit.
	{ David Trombly	Conners Creek.
	{ Joseph Walts	Walts.
	{ Sigmund Simon	"
Wexford	{ O. Webster	Cadillac.
	{ R. C. Norris	"
	{ R. Redcoff	Sherman.



TWENTY-FIRST ABSTRACT
OF THE
REPORTS OF SHERIFFS
RELATING TO THE
JAILS
IN THE
STATE OF MICHIGAN.

COMPILED UNDER THE SUPERVISION OF
WASHINGTON GARDNER, SECRETARY OF STATE.
JUNE 30, 1898.



BY AUTHORITY

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1894

ABSTRACT.

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AND

SCHEDULES A AND B.

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TABLE II.—Whole number of prisoners received in the jails; total number, number of each sex, and number under eighteen years of age charged with high crimes and with minor offenses, with the per cent of each sex and of the number under eighteen years of age to the total of each class, number of witnesses, debtors, and insane and other prisoners; per cent of number charged with high crimes and with minor offenses, respectively, to the whole number of prisoners received in the jails.

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MICHIGAN,
DEPARTMENT OF STATE, }
Lansing, March 28, 1894. }

Hon. John T. Rich, Governor of the State of Michigan:

SIR—As required by law, I herewith submit the Twenty-first Annual Abstract of the Reports of the Sheriffs of this State, being for the year ending June 30, 1893.

Very respectfully,

WASHINGTON GARDNER,

Secretary of State.

TABLES.

EXHIBIT A.

*Statements concerning the inmates of the jails for the years ending June 30, 1893, 1892, 1891, 1890 and 1889.**

	1893.	1892.	1891.	1890.	1889.
Number in the jails at the beginning of the year	428	401	364	405	332
Number received during the year	14,145	15,500	12,308	12,238	11,016
Total number in the jails within the year	14,573	15,901	a 12,672	12,643	11,348
Number of days prisoners were confined in the jails during the year	180,349	177,917	153,787	159,576	129,092
Average number of prisoners in the jails during the year	478.83	487.53	421.83	437.19	337.84
Average duration of imprisonment in days	12.04	12.53	13.12	12.65	12.55
Whole number of males received during the year	13,225	14,460	11,479	11,535	10,292
Number of males under 18 years of age	977	901	725	752	818
Whole number of females received during the year	920	1,040	814	701	721
Number of females under 18 years of age	145	127	101	84	121
Per cent of males to total number of both sexes	93.50	93.29	93.88	94.27	93.45
Per cent of females to total number of both sexes	6.50	6.71	6.62	5.73	6.55
Total number charged with high crimes	2,431	2,241	1,989	2,047	1,748
Number of males charged with high crimes	2,283	2,102	1,880	1,935	1,655
Number of females charged with high crimes	168	139	89	92	93
Number under 18 years of age charged with high crimes	191	153	136	106	113
Per cent of males charged with high crimes to the total number charged with high crimes	93.09	93.80	95.48	95.51	94.68
Per cent of females charged with high crimes to the total number charged with high crimes	6.91	6.20	4.52	4.49	5.32
Per cent of the number under 18 years of age charged with high crimes to the total number charged with high crimes	7.96	6.82	6.91	5.18	6.46
Total number charged with minor offenses	11,221	12,862	9,989	8,959	8,580
Number of males charged with minor offenses	10,352	12,030	9,318	8,492	8,111
Number of females charged with minor offenses	669	832	671	527	469
Number under 18 years of age charged with minor offenses	809	876	675	668	686
Per cent of males charged with minor offenses to the total number charged with minor offenses	94.04	93.53	98.28	94.12	94.53
Per cent of females charged with minor offenses to the total number charged with minor offenses	5.96	6.47	6.72	5.88	5.47

* For foot notes see tables.

a Correct total. Erroneously printed 12,572 in Table I of report for 1891.

EXHIBIT A.—CONTINUED.

	1893.	1892.	1891.	1890.	1889.
Per cent of the number under 18 years of age charged with minor offenses to the total number charged with minor offenses.....	7.21	6.81	6.76	7.46	8.00
Number of witnesses.....	45	50	37	53	43
Number of debtors.....	36	39	21	74	52
Number of insane persons.....	249	263	269	192	237
Miscellaneous.....	200	11	4	3	3
Per cent of the total number charged with high crimes to the whole number committed to the jails.....	16.15	14.73	15.81	18.13	16.60
Per cent of the total number charged with minor offenses to the whole number committed to the jails.....	79.72	82.95	81.51	79.10	80.21
Number sent to State Prison.....	298	338	355	296	224
Number sent to State House of Correction.....	261	248	268	413	366
Number sent to Detroit House of Correction.....	702	887	543	373	713
Number sent to The Industrial School for Boys.....	140	168	121	122	174
Number sent to State Industrial Home for Girls.....	44	46	27	30	35
Per cent of number sent to State Prison to the whole number confined in jails.....	2.04	2.13	2.26	2.33	1.97
Per cent of number sent to State House of Correction to the whole number confined in the jails.....	1.79	1.55	2.13	2.27	3.23
Per cent of number sent to Detroit House of Correction to the whole number confined in the jails.....	4.82	5.58	4.36	6.91	6.33
Per cent of number sent to The Industrial School for Boys to the whole number confined in the jails.....	.96	1.06	.96	9.65	1.53
Per cent of number sent to State Industrial Home for Girls to the whole number confined in the jails.....	.30	.29	.21	2.37	.31
Number escaped.....	36	37	33	32	19
Insane soldiers or marines transferred to asylums.....	4	4	8	14	-----
Number remaining in the jails at the close of the year.....	444	435	412	379	412
BIRTHPLACES OF MALE PRISONERS.					
<i>(Exclusive of Blacks, Mulattoes and Indians.)</i>					
United States.....	7,664	8,067	6,015	5,915	5,120
British America.....	1,193	1,833	941	1,150	771
England.....	546	564	473	545	560
Ireland.....	1,187	1,128	1,180	1,411	1,321
Scotland.....	172	238	212	186	148
Germany.....	764	768	624	595	420
Holland.....	209	366	312	177	125
Norway and Sweden.....	416	379	252	204	143
France.....	36	73	9	73	13
Miscellaneous.....	380	280	199	199	156
Unknown.....	180	44	38	143	76
Black males.....	353	272	209	264	188
Mulatto males.....	12	20	38	224	217
Indian males.....	62	46	51	105	56
Birthplace and color not reported, males.....	56	302	866	214	970
BIRTHPLACES OF FEMALE PRISONERS.					
<i>(Exclusive of Blacks, Mulattoes and Indians.)</i>					
United States.....	535	530	506	360	339
British America.....	108	124	75	71	64
England.....	30	24	25	38	16
Ireland.....	56	36	33	78	53
Scotland.....	13	7	5	13	4
Germany.....	34	37	30	35	28
Holland.....	15	7	13	7	4
Norway and Sweden.....	23	7	10	9	4
France.....	5	4	2	4	6
Miscellaneous.....	16	4	5	3	37
Unknown.....	7	13	10	8	7

EXHIBIT A.—CONTINUED.

	1898.	1892.	1891.	1890.	1889.
Black females.....	66	127	41	34	26
Mulatto females.....	1	1	7	31	15
Indian females.....	3	5	9	7	4
Birthplace and color not reported, females...	8	14	39	13	114
Birthplace, color and sex not reported.....			16	2	3
PARENT-NATIVITY OF NATIVE WHITE PRISONERS, SO FAR AS REPORTED.					
Foreign-born fathers and mothers.....	2,042	3,373	1,617	2,167	1,485
Foreign-born fathers and native mothers.....	324	329	267	397	143
Foreign-born mothers and native fathers.....	127	235	103	220	128
Number who could not read.....	769	756	755	828	913
Per cent of the number who could not read to the whole number received in the jails.....	5.44	7.12	6.13	7.20	8.52
Number who could not write.....	892	912	903	958	1,069
Per cent of the number who could not write to the whole number received in the jails.....	6.31	8.59	7.34	8.33	9.96
EXPENDITURES.					
Paid to sheriffs for board and keeping of prisoners.....	\$110,915 78	\$126,520 15	\$98,790 19	\$98,266 83	\$86,765 32
Paid for medical attendance.....	2,366 23	2,721 74	4,031 72	1,822 76	2,857 40
Paid for clothing.....	1,191 75	1,397 35	1,460 42	1,235 76	1,697 26
Paid for repairing jails.....	7,764 43	8,150 42	14,531 85	9,147 63	11,122 40
Paid for furniture.....	668 83	1,334 52	1,008 85	1,027 43	1,416 66
Paid for all other necessary supplies.....	6,282 71	7,895 28	7,167 47	6,122 28	11,323 81
Total cost of maintaining the jails.....	\$130,309 62	\$148,019 46	\$129,480 50	\$107,746 71	\$116,106 95
Traveling and other expenses incurred in arresting and taking prisoners to the jails.....	20,945 24	31,768 33	23,655 34	28,655 72	27,155 52
Expended in taking prisoners to penal and reformatory institutions.....	7,988 70	15,075 59	14,081 66	13,542 45	13,086 20
Other expenditures.....	712 16	2,475 10	11,029 90	981 88	1,573 17
Total expenses of arresting and detaining prisoners.....	\$159,950 72	\$197,333 48	\$153,227 40	\$150,876 26	\$157,871 84
Cost per week for board and keeping of each prisoner in the jails.....	\$4 67	\$4 70	\$3 83	\$4 64	\$6 11
Average cost of each prisoner confined in the jails.....	9 33	7 96	11 16	9 24	10 93
Number of prisoners confined in the jails under city and village ordinances.....	1,202	2,037	947	986	1,067
Amount received by sheriffs for boarding city and village prisoners.....	\$3,455 64	\$9,652 03	\$1,927 33	\$2,807 18	\$3,004 32

TABLE I.

Showing for the State and counties, the number of prisoners in the jails June 30, 1892, and on July 1, 1892; the number received and the total number and average number in the jails during the year; the average duration of imprisonment in days; the whole number, and the number under eighteen years of age, of each sex, and the per cent of each sex to the whole number of both sexes received, for the year ending June 30, 1893.

State and counties.	Prisoners.											Per cent of each sex to whole No. received of both sexes.	
	No. remaining in the jails, June 30, 1892.	No. in the jails at the beginning of the year.	No. received during the year.	Total number in the jails within the year.	Average number in the jails during the year.	Average duration of im- prisonment in days.	Males received during the year.		Females received during the year.				
	1	2	3	4	5	6	Whole No.	No. under 18 years of age.	Whole No.	No. under 18 years of age.	Males.	Females.	
State	429	428	14,145	14,573	478.83	12.04	13,225	977	920	145	93.50	6.50	
Alcona			10	10	1.89	69.	8	1	2	1	80.	20.	
Alger			4	4	.20	18.25	4				100.		
Allegan ¹	4		36	36	4.54	23.08	35	7	1		97.22	2.77	
Alpena	2	2	40	42	1.62	14.07	26	1	14		65.	35.	
Antrim	2	2	16	18	1.50	80.89	16				100.		
Arenac ²	1	1	2	3	.14	16.67	2				100.		
Baraga	2	2	32	34	1.08	11.65	32				100.		
Barry ¹			17	17	.84	9.06	17	1			100.		
Bay	23	23	484	507	17.41	12.53	437	27	47	9	40.29	9.71	
Benzie	1	1	13	14	.73	18.93	13				100.		
Berrien	22	22	226	248	12.50	18.40	220	4	6	2	97.85	2.65	
Branch			72	72	2.52	12.79	69	11	3		96.83	4.17	
Calhoun	6	6	521	527	24.96	17.28	512	15	9		98.27	1.73	
Cass	5	4	260	264	10.36	14.33	246	7	14	2	94.62	5.38	
Charlevoix			1	1	.08	10.	1				100.		
Cheboygan	2	2	18	20	.79	14.35	16	2	2	2	88.89	11.11	
Chippewa	7	7	150	157	6.36	14.78	135	2	15	2	90.	10.	
Clare	5	5	37	42	2.36	20.48	36	1	1	1	97.30	2.70	
Clinton			63	63	3.01	17.43	63	1			100.		
Crawford			7	7	.96	50.	7				100.		
Delta	8	4	72	76	4.86	23.34	70	1	2		97.22	2.78	
Dickinson ¹	14		46	46	7.37	29.33	40		6		86.96	13.04	
Eaton	7	7	234	291	10.11	12.63	279	8	5		98.24	1.76	
Emmet	2	2	10	12	.44	13.50	10	1			100.		
Genesee	6	6	375	381	7.38	7.07	367	26	8	8	97.87	2.13	
Gladwin			5	5	.25	18.	5				100.		
Gogebic	29	29	309	338	26.18	28.27	301		8	1	97.41	2.59	
Grand Traverse	4	4	53	57	2.62	16.79	46	3	7	4	86.79	13.21	
Gratiot	1		41	41	1.42	12.61	37	3	4		90.24	9.76	
Hillsdale	4	4	160	164	4.67	10.40	153		7		95.63	4.37	
Houghton	16	10	135	145	8.63	21.66	116	68	19		85.93	14.07	
Huron			84	34	1.59	17.12	32	2	2	1	94.12	5.83	
Ingham	1	1	211	212	8.19	14.09	204	12	7	2	96.63	3.33	
Ionia			710	710	8.84	4.55	695	16	15	13	97.89	2.11	
Iosco	4	4	46	50	3.53	25.74	44	1	2		95.65	4.35	

¹ Report for six months, from January 1, to July 1, 1893.

² No jail—use Bay county jail.

^a Exclusive of New York county that does not report the number of days prisoners were confined in the jail, and of Allegan, Barry, Dickinson, Iron, and Lenawee, that report for six months only.

TABLE I.—CONTINUED.

Counties.	Prisoners.											Per cent of each sex to whole No. received of both sexes.
	No. remaining in the jails, June 30, 1892.	No. in the jails at the beginning of the year.	No. received during the year.	Total number in the jails within the year.	Average number in the jails during the year.	Average duration of imprisonment in days.	Males received during the year.		Females received during the year.		Males.	Females.
							Whole No.	No. under 18 years of age.	Whole No.	No. under 18 years of age.		
	1	2	3	4	5	6	7	8	9	10	11	12
Iron ¹	5		11	11	1.56	26.	11				100.	
Isabella	4	4	146	150	1.37	8.33	144	3	2		98.68	1.37
Jackson	17	17	359	376	10.71	10.40	305	28	54	8	84.96	15.04
Kalamazoo	12	12	1,010	1,022	18.44	6.59	952	32	58		94.26	5.74
Kalkaska												
Kent	52	52	1,656	1,708	50.12	10.71	1,445	169	211	28	87.26	12.74
Keweenaw			3	3	.02	2.	3				100.	
Lake	8	8	41	44	2.28	18.91	38		3		92.68	7.32
Lapeer	7	7	450	457	4.96	8.88	446	5	4		99.11	.89
Leelanau			7	7	.42	21.71	7	1			100.	
Lenawee ¹			152	152	16.15	19.44	145	19	7	3	95.39	4.61
Livingston			19	19	.57	10.89	18	1	1		94.74	5.26
Luce			35	35	1.19	12.43	34		1		97.14	2.86
Mackinac	2		23	23	.79	12.48	23	1			100.	
Macomb	2	1	55	56	3.35	21.86	54		1		98.18	1.82
Manistee	7	7	471	478	8.78	6.70	451	54	20		95.75	4.25
Manitou			1	1	.00	1.	1				100.	
Marquette	13	13	194	207	12.13	21.38	189	10	5		97.42	2.58
Mason	1	1	59	60	2.24	13.62	53	6	6		89.88	10.17
Mecosta	1	1	102	103	2.99	10.58	96	11	6	3	94.12	5.88
Memominee	4	4	161	168	5.08	11.04	161				100.	
Midland			40	40	1.77	16.15	35	5	5	8	67.50	12.50
Missaukee			12	12	.56	17.	12				100.	
Monroe	2	2	69	71	4.03	20.78	67	12	2	1	97.10	2.90
Montcalm	3	3	51	54	5.13	34.89	47	6	4		92.16	7.84
Montmorency			6	6	.29	17.50	6	1			100.	
Muskegon	3	13	190	203	11.04	19.85	166	15	24	2	87.37	12.63
Newaygo	1	1	58	59			56		2		96.55	3.45
Oakland	4	5	443	453	10.20	8.22	438	9	10	1	97.77	2.23
Oceana			8	8	1.09	49.50	8				100.	
Ogemaw			16	16	.66	15.06	15		1		93.75	6.25
Ontonagon	9	11	27	38	2.88	27.63	24	1	3		88.89	11.11
Osceola			14	14	1.80	33.86	13		1		92.86	7.14
Oscoda			5	5	.33	24.	4	1	1		80.	20.
Otego			3	3	.37	45.38	3				100.	
Ottawa	12	12	235	247	8.39	12.40	234	1	1	1	99.57	.43
Presque Isle	1	1	7	8	.18	8.13	7				100.	
Roscommon		1	45	46	1.37	10.87	45	5			100.	
Saginaw	13	13	358	371	18.39	18.09	323	28	35		90.22	9.78
Sanilac	1	1	11	12	.74	22.50	11	2			100.	
Schoolcraft	2	4	70	74	2.41	11.86	67	1	3		95.71	4.29
Shiawassee		4	41	45	1.92	15.56	35	1	6	1	85.37	14.63
St. Clair	10	10	602	612	10.20	6.08	545	59	57	13	90.53	9.47
St. Joseph			40	40	2.97	27.13	37	4	3		92.50	7.50
Tuscola	2	2	57	59	3.96	24.51	54	7	3	2	94.74	5.26
Van Buren	2	2	56	58	3.67	23.07	55	5	1		98.21	1.79
Washtenaw	5	5	418	423	8.65	7.46	408	14	10	2	97.61	2.39
Wayne	52	63	1,704	1,767	70.82	14.63	1,550	235	154	31	90.96	9.04
Wexford	5	5	96	101	3.03	11.01	87	4	9	3	90.63	9.37

¹ Report for six months, from January 1, to July 1, 1893.

TABLE II.

Showing for the State and counties, the whole number of prisoners received in the jails; the total number, the number of each sex, and the number under eighteen years of age charged with high crimes; the per cent of each sex and the number under eighteen years of age to the total number charged with high crimes; the total number, the number of each sex, and the number under eighteen years of age charged with minor offenses; the number of each sex, and the number under eighteen years of age to the total number charged with minor offenses; the number of witnesses, debtors, and insane and other persons confined in the jails; and the per cent of the total number charged with high crimes and minor offenses, respectively, to the whole number received in the jails; for the year ending June 30, 1893.

State and counties.	Whole number received in the jails during the year.	Number charged with high crimes.				Per cent of each sex and of the number under 18 years of age charged with high crimes to the total number charged with high crimes.				Number charged with minor offenses.				Per cent of each sex and of the number under 18 years of age charged with minor offenses to the total number charged with minor offenses.				Miscellaneous.	Number of debtors.	Number of insane persons.	Per cent of the total number charged with high crimes received in the jails.	Per cent of the total number charged with minor offenses received in the jails.							
		Total No.		Females.		No. under 18 years of age.	Males.		Females.	No. under 18 years of age.	Males.		Females.	No. under 18 years of age.															
		Males.	Females.	Males.	Females.		Males.	Females.																					
State	14,145	2,431	2,268	168	191	93.09	6.91	7.36	11,221	10,552	689	809	9	10	11	12	13	14	15	45	36	249	200	16.15	20	21	b	79.72	
Alcona	10	4	4			100.			4	4							100.									40.	40.	75.	63.89
Alger	4	1	1			100.			3	3							100.									25.	25.	25.	25.
Allegan	36	13	12	1	3	92.31	7.69	23.06	23	23		4					100.									86.11	86.11	86.11	86.11
Alpena	40	1	1			100.			39	25	14						100.									2	2	2	2
Antrim	16	7	7			100.			7	7							100.									2	2	2	2
Arenac	2	1	1			100.			1	1							100.												
Baraga	32	2	2			100.			28	28							100.									2	2	2	2
Barry	17	4	4			100.			13	13							100.									2	2	2	2
Bay	454	17	17		3	100.		17.65	453	410	43						90.51	9.49		1	2	11				3.51	3.51	3.51	3.51
Benzie	13	4	4			100.			9	9							100.												
Berrien	236	38	38			100.			188	182	6	8					96.31	3.19	4.36										
Branch	72	22	20	2	2	90.91	9.09	9.09	46	45	1	9					97.33	2.17	19.57	2	1	1				30.56	30.56	30.56	30.56
Calhoun	531	63	56	7	7	86.89	11.11	11.11	454	452	2	8					99.56	4.41	1.76	4	4					12.09	12.09	12.09	12.09
Cass	280	36	34	2		94.44	5.56		220	208	12	7					94.55	5.45	3.18	6	5					4	4	4	4
Cheboygan	1								1	1							100.												
Charlevoix	1	2	2			100.			16	14	2	16					97.50	12.50	100.							1	1	1	1
Chippewa	150	83	26	7		78.79	21.31		117	109	8	4					93.16	6.84	3.42							23.	23.	23.	23.

Clare	27	3	3	100.	29	23	1	2	98.55	8.45	8.90	3	8	8.11	78.86
Clinton	64	15	15	100.	44	44	...	2	100.	4.55	4.55	...	4	23.81	69.84
Crawford	7	...	...	...	7	7	...	...	100.	...	...	...	...	...	100.
Delta	72	25	25	92.	47	47	...	1	100.	2.13	2.13	...	4	23.25	67.39
Dickinson	46	13	8	61.54	31	30	1	8	98.77	3.23	3.19	...	3	10.56	86.85
Eaton	281	90	90	100.	251	246	5	8	98.01	1.99	...	...	...	...	...
Emmet	10	2	2	100.	5	5	...	1	100.	2.14	6.06	1	3	20.	50.
Genesee	378	88	88	100.	281	275	6	17	97.86	...	...	...	4	23.47	74.83
Gladwin	5	...	...	...	5	5	...	...	100.	...	...	...	...	...	100.
Gogebic	309	72	72	100.	233	223	8	1	96.87	3.48	4.3	1	8	23.80	75.40
Grand Traverse	53	7	7	100.	43	38	7	7	83.72	16.28	16.28	...	3	13.21	81.13
Gratiot	41	12	11	91.67	28	26	...	1	100.	3.85	3.85	...	8	29.27	63.41
Hillsdale	190	8	8	100.	149	143	7	...	95.30	4.70	...	1	2	5.	92.13
Houghton	185	20	20	100.	100	96	14	6	86.	14.	6.	1	13	14.81	74.07
Huron	84	8	8	100.	24	22	2	3	91.67	8.33	13.50	...	4	23.53	70.69
Ingham	211	25	25	96.15	181	175	6	1	96.69	3.31	3.5	...	4	12.32	83.78
Ionia	710	66	66	100.	688	626	12	81	98.12	1.83	4.86	...	6	9.80	89.86
Iosco	46	8	8	100.	37	35	2	1	94.59	5.41	2.70	...	1	17.89	80.49
Iron	11	5	5	100.	6	6	...	...	100.	...	...	...	...	45.45	54.55
Isabella	166	5	5	60.	141	141	...	2	100.	1.42	...	...	...	3.42	96.58
Jackson	359	78	75	96.15	299	218	51	31	81.04	18.96	11.52	3	1	21.73	74.93
Kalamazoo	1,010	90	81	90.	683	37	7	...	94.71	5.29	1.	1	20	6.91	69.31
Kent	1,666	630	555	88.10	971	883	118	169	87.85	12.15	17.40	14	3	38.04	58.64
Keweenaw	3	...	...	...	2	2	...	...	100.	...	...	...	1	67.	...
Lake	41	4	4	100.	37	34	3	...	91.89	8.11	...	...	...	9.78	90.24
Lapeer	450	42	41	97.62	408	405	3	2	96.23	.74	.49	...	...	9.33	90.67
Leelanau	7	4	4	100.	3	3	...	...	100.	...	...	...	...	57.14	42.86
Leelanau	152	15	15	100.	137	130	7	22	94.89	5.11	16.06	3	8	...	...
Lenawee	19	3	3	100.	18	12	1	...	92.31	7.69	...	...	...	15.79	86.42
Livinston	35	1	1	100.	33	33	...	...	100.	...	...	...	...	2.86	94.29
Luce	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mackinac	23	5	5	100.	18	16	...	1	100.	5.56	...	...	...	21.74	78.26
Macomb	55	2	2	100.	41	41	...	...	100.	...	...	...	...	...	...
Manistee	471	11	10	90.91	435	436	19	49	95.32	4.18	10.77	1	4	2.34	96.60
Manitowish	1	...	...	...	1	1	...	...	100.	...	...	...	...	...	100.
Marquette	191	14	13	92.66	180	176	4	8	97.78	2.22	4.44	...	...	7.22	92.78
Mason	59	10	8	80.	47	43	4	6	91.49	8.51	12.77	...	2	16.95	78.66
Meconota	102	40	40	100.	61	56	5	14	91.80	8.20	22.95	1	2	...	...
Menominee	164	16	16	100.	144	149	...	...	100.	...	...	...	...	...	...
Midland	40	9	8	88.89	26	25	1	4	96.15	3.85	15.38	2	3	22.50	65.
Misaukee	12	12	12	100.	...	...	...	...	...	...	...	...	...	100.	...

a Thirty-seven less than the total of columns 2, 9, 16, 17, 18 and 19; see notes c, d, f, g, j, and k, and a, and b, page 14.

b Exclusive of the counties of Alpena, Cass, Cheboygan, Delta, Lenawee, Macomb, Mecosta, Menominee, Ontonagon, and Wayne; see notes c, d, f, g, j and k, and a and b, page 14.

c Two less than the total of columns 2, 9, 16, 17, 18 and 19.

d Five less than the total of columns 2, 9, 16, 17, 18 and 19.

e Committed for high crimes and afterwards detained as witnesses.

f One less than the total of columns 2, 9, 16, 17, 18 and 19.

g Four less than the total of columns 2, 9, 16, 17, 18 and 19.

h Confined in the jail as an idiot.

i Detained on suspicion, 104, as vagrants, 54, as truant, 11.

j Six less than the total of columns 2, 9, 16, 17, 18 and 19.

k Twelve more than the total of columns 2, 9, 16, 17, 18 and 19.

TABLE II.—CONTINUED.

Counties.	Number charged with high crimes.				Per cent of each sex and of the number under 18 years of age charged with high crimes to the total number charged with high crimes.				Number charged with minor offenses.				Per cent of each sex and of the number under 18 years of age charged with minor offenses to the total number charged with minor offenses.				Miscellaneous.	Number of debtors.	Number of insane persons.	Per cent of the total number charged with high crimes to the whole number received in the jail.	Per cent of the total number charged with minor offenses to the whole number received in the jail.
	Total No.	Males.	Females.	No. under 18 years of age.	Males.	Females.	No. under 18 years of age.	Total No.	Males.	Females.	No. under 18 years of age.	Males.	Females.	No. under 18 years of age.							
1	Whole number received in the jail during the year.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Monroe	69	5	5	1	100.	20.	48	63	61	2	11	98.83	8.17	17.46	—	—	—	—	—	7.25	91.30
Montclair	51	2	2	1	100.	50.	45	45	44	4	6	91.67	8.33	12.50	—	—	3	1	—	84.12	83.83
Montmorency	190	35	33	2	94.29	5.71	50.	145	132	13	11	91.03	8.97	7.59	—	—	1	9	—	18.42	74.82
Muskegon	58	27	25	2	92.56	7.41	4.88	22	22	—	—	100.	—	—	—	—	—	8	—	46.55	53.45
Newaygo	448	41	41	2	100.	—	—	406	366	10	7	97.54	2.46	1.72	—	—	—	1	—	9.15	90.85
Oakland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oceana	8	—	—	—	—	—	—	8	8	—	—	100.	—	—	—	—	—	—	—	—	100.
Ogemaw	16	—	—	—	—	—	—	15	14	1	—	93.33	6.67	—	—	—	—	1	—	—	93.75
Ontonagon	27	8	8	1	100.	12.50	12.50	19	16	3	8	84.21	15.79	—	—	—	1	2	—	100.	—
Oscoda	14	13	1	—	92.86	7.14	—	4	3	1	—	75.	25.	—	—	—	—	—	—	—	80.
Oscoda	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Otsego	8	2	2	—	100.	—	—	1	1	—	—	100.	—	—	—	—	—	—	—	67.	33.
Ottawa	235	16	16	1	100.	6.25	6.25	219	218	1	1	99.54	.46	.45	—	—	—	—	—	6.81	93.19
Presque Isle	7	7	—	—	100.	—	—	40	40	—	—	100.	—	—	—	—	—	—	—	100.	—
Reconcomon	45	5	5	—	100.	—	—	40	40	—	—	100.	—	—	—	—	—	—	—	11.11	88.89
Saginaw	358	46	46	2	100.	4.35	4.35	291	265	26	5	41.07	5.83	33.33	—	—	—	20	—	12.85	87.15
Sanilac	11	4	4	—	100.	—	—	6	6	—	—	100.	—	—	—	—	—	—	—	36.36	63.64
Schoolcraft	70	19	17	2	89.47	10.53	—	49	48	1	1	97.96	2.01	2.01	—	—	1	2	—	27.14	72.86
Shiawassee	41	7	6	1	85.71	14.29	14.29	28	28	2	8	92.86	7.14	10.71	—	—	1	4	—	68.29	31.71
Shiawassee	602	24	21	3	87.50	12.50	12.50	569	521	48	72	91.56	8.44	12.05	—	—	2	7	—	17.07	82.93
St. Clair	40	26	24	2	92.31	7.69	11.54	14	13	1	1	92.86	7.14	7.14	—	—	—	—	—	3.96	96.04
St. Joseph	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.	35.
Tuscola	57	10	10	—	100.	—	—	44	41	3	9	93.18	6.82	20.45	—	—	—	3	—	17.54	82.46
Van Buren	56	8	7	1	87.50	12.50	12.50	48	48	—	—	100.	—	—	—	—	—	—	—	14.29	85.71
Washtenaw	418	81	80	1	96.77	3.23	9.63	281	261	372	9	97.64	2.36	3.41	—	—	6	—	—	7.42	92.58
Wayne	b 1,704	420	893	27	93.57	6.43	15.	1,284	1,157	127	203	90.11	9.89	15.81	—	—	1	15	—	7.42	92.58
Wexford	96	27	24	8	88.89	11.11	7.41	64	59	5	5	92.19	7.81	7.81	—	—	—	3	—	26.13	73.87

b Nineteen less than the total of columns 2, 9, 16, 17, 18 and 19.

a Five less than the total of columns 2, 9, 16, 17, 18 and 19.

TABLE III.

Showing, for the State and counties, the number of prisoners convicted and sent to State Prison, State House of Correction, Detroit House of Correction, The Industrial School for Boys, and State Industrial Home for Girls; the per cent of sentences to each place of confinement to the whole number confined in the jails, and the number that have made their escape during the year ending June 30, 1893; also the number remaining in the jails June 30, 1893.

State and counties.	Convictions.										Number escaped.	Insane soldiers or marines transferred to asylums.	Number remaining in the jails at close of the year.
	Number sent to State Prison.	Number sent to State House of Correction.	Number sent to Detroit House of Correction.	Number sent to The Industrial School for Boys.	Number sent to State Industrial Home for Girls.	Per cent to the whole number confined in the jails.							
						State Prison.	State House of Correction.	Detroit House of Correction.	The Industrial School for Boys.	State Industrial Home for Girls.			
1	2	3	4	5	6	7	8	9	10	11	12	13	
State	298	261	702	140	44	2.04	1.79	4.32	.96	.30	36	4	444
Alcona		1			1		10.			10.	1		2
Alger	1					25.							
Allegan ¹	1	2		1		2.78	5.56		2.78				
Alpena			4					9.52					
Antrim		8					16.67						
Barry ¹			1					5.88					
Bay	4	8	28	2	3	.79	1.58	5.52	.39	.59	4		15
Benzie		1			1		7.14			7.14			1
Berrien	4	8				1.61	1.21						26
Branch		7	2				9.71	2.78					8
Calhoun	8	4	19	4		1.52	.76	3.65	.76				6
Cass	15	11		3	1	5.68	4.17		1.14	.38			13
Cheboygan	8	1		1		15.	5.		5.				1
Chippewa	15	1	2	1	2	9.55	.64	1.27	.64	1.27	8	1	7
Clare	3	2	10	1		7.14	4.76	23.81	2.88		3	1	8
Clinton	4	8	1	1		6.35	4.76	1.59	1.59			1	1
Crawford		1					14.29						2
Delta	8			1		10.53			1.82		2		7
Dickinson ¹	5		2			10.8		4.35					3
Eaton	6	1	9			2.06	.84	3.09					5
Emmet		2					16.67						
Genesee		9	18	2	1		2.36	4.72	.53	.26			8
Gogebic	4					1.18							21
Gd. Traverse	3	6	3	2		5.26	10.53	5.26	3.51				3
Gratiot	1	1	3	2		2.44	2.44	7.82	4.88				2
Hillsdale		2	6				1.22	3.66					4
Houghton	4					2.78					1		18
Huron	3	4	8	1	1	8.82	11.76	8.82	2.94	2.94			
Ingham	5	5	10			2.36	2.36	4.72			1		5
Ionia	3	15	12	3	1	.42	2.11	1.69	.42	.14			3
Iosco	2	4				4.	8.						3
Iron ¹	3					27.27							
Isabella	1	2				.67	1.83						2
Jackson	24	6	28	5	3	6.38	1.60	7.45	1.93	.80	8		11
Kalamazoo	9	13	21	6		.88	1.27	2.05	.59		4		21

¹ Report for 6 months, from January 1 to July 1, 1893.

TABLE III.—CONTINUED.

Counties.	Convictions.										Number escaped.	Insane soldiers or marines transferred to asylums.	Number remaining in the jails at close of the year.
	Number sent to State Prison.	Number sent to State House of Correction.	Number sent to Detroit House of Correction.	Number sent to The Industrial School for Boys.	Number sent to State Industrial Home for Girls.	Per cent to the whole number confined in the jails.							
						State Prison.	State House of Correction.	Detroit House of Correction.	The Industrial School for Boys.	State Industrial Home for Girls.			
	1	2	3	4	5	6	7	8	9	10	11	12	13
Kent	21	22	8	18	9	1.23	1.29	.47	1.05	.58			45
Lake	1		1			2.27		2.27					8
Lapeer		16		8			3.50		.66				2
Leelanau	1					14.29					1		
Lenawee	5	2		2	1	3.29	1.32		1.32	.66			5
Livingston	1		5			5.26		26.32					
Luce	3					8.57							
Mackinac	1					4.35							
Macomb	3	2	7		1	5.98	3.57	12.50		1.79			
Manistee	4	3	8	4	1	.84	.63	1.67	.84	.21	1		2
Marquette	6			5		2.90			2.42				17
Mason	2		1	8		3.33		1.67	5.				5
Mecosta	3	5	5		8	2.91	4.85	4.85		2.91	1		2
Menominee	6					3.57							11
Midland	1			1		2.50			2.50			1	1
Missaukee	1	1				8.33	8.33						1
Monroe	2	2		2		2.82	2.82		2.82				4
Montcalm		4		2			7.40		3.70				8
Montmorency			1					16.67					
Muskegon		4		6	2		1.97		2.96	.99			14
Newaygo	3	7		2	1	5.09	11.96		3.39	1.69	1		2
Oakland	9	5	5	3		1.99	1.10	1.10	.66				9
Oceana		1					12.50						2
Ogemaw		1	1				6.25	6.25					
Ontonagon	5					13.16							
Osceola	3					21.43					1		
Oscoda	1					20.							1
Otsego	1					33.33							2
Ottawa	3	6		1	1	1.21	2.43		.40	.40			1
Roscommon		4					8.70						2
Saginaw	7	2	29	2		1.89	.54	7.82	.54		3		11
Sanilac		1					8.33						2
Schoolcraft	4					5.41							3
Shiawassee		4					8.89						7
St. Clair	5	4	13	3	3	.82	.65	2.12	.49	.49			11
St. Joseph	7					17.50							3
Tuscola	5	5		1	2	8.48	8.47		1.69	3.39			4
Van Buren	4	1		2		6.90	1.72		3.45		1		5
Washtenaw	2	17	80	3	1	.47	4.02	7.09	.71	.24			5
Wayne	39	19	891	41	4	2.21	1.08	22.13	2.32	.23			58
Wexford		5	15		1		4.95	14.85		.99	5		9

¹ Report for 6 months, from January 1 to July 1, 1893.

TABLE IV.

Showing, for the State and counties, by sex, the birthplaces of the prisoners received in the jails, exclusive of blacks, mulattoes and Indians; the number of blacks, mulattoes and Indians; the number whose birthplaces and color are not reported, and the whole number of prisoners received in the jails for the year ending June 30, 1893.

[illegible]

a Arabin 8, Asia 2, Australia 1, Austria 15, Bohemia 1, Belgium 6, China 74, Denmark 10, Finland 109, Greece 5, Hungary 2, India 1, Italy 25, Netherlands 4, Newfoundland 1, Poland 102, Russia 16, Switzerland 8, and 1. Belgium 1, Denmark 2, Finland 1, Italy 4, Poland 4, Russia 8, Spain 1.

TABLE V.

Showing for the State and counties, so far as reported, the parent nativity of white prisoners born in the United States who were received in the jails during the year ending June 30, 1893.

State and counties.	White prisoners born in the United States.			
	Total number.	Nativity of parents.		
		Both foreign born.	Foreign born fathers and native mothers.	Foreign born mothers and native fathers.
State	a 6,120	2,042	234	127
Alger	1	b	b	b
Allegan	26	11	1	1
Antrim	5	3	b	1
Arenac	2	b	b	b
Bay	262	104	10	8
Benzie	4	b	b	b
Branch	67	1	b	b
Calhoun	346	202	17	3
Cass	157	59		
Charlevoix	1	b	b	b
Clare	28	11		1
Clinton	31	23	3	5
Crawford	4			
Eaton	242	76	4	1
Emmet	6	3		
Genesee	314	66	4	1
Gladwin	4	b	b	b
Gratiot	38	5	3	1
Hillsdale	92	30	12	9
Houghton	50	28	b	
Huron	12	4	1	1
Ingham	158	47	2	
Ionia	309	93	35	7
Iron	4	3	b	b
Kalamazoo	750	116	5	3
Kent	977	266	32	29
Keweenaw	2	1		
Lapeer	289	116	32	20
Leelanau	5	3		
Livingston	17	6	b	b
Macomb	37	b	b	b
Manistee	221	116	7	7
Manitou	1	1	b	b
Marquette	73	40	4	1
Mason	29	7	1	b
Missaukee	2	1		1
Monroe	59	21	b	b
Montcalm	41	2	b	b
Ontonagon	15	9		
Oscoda	10	4	1	1
Otsego	2	b	b	b
Sanilac	7	7	b	b
Schoolcraft	18	9	b	b
St. Joseph	31	1	1	b
Tuscola	38	10	2	b
Van Buren	45	8		
Washtenaw	226	170	36	17
Wayne	1,001	343	6	4
Wexford	61	12	5	5

a Exclusive of all counties that did not report parent nativity of white prisoners born in the United States.

b None.

TABLE VI.

Showing for the State and counties, the number of prisoners received in the jails who could not read, and the number who could not write, and the per cent of each class to the whole number received in the jails, for the year ending June 30, 1893.

State and counties.	Could not read.		Could not write.	
	Number.	Per cent to the whole number received in the jails.	Number.	Per cent to the whole number received in the jails.
State	789	a 5.44	892	b 6.31
Allegan	7	19.44	7	19.44
Alpena	3	7.50	5	12.50
Antrim	2	12.50	2	12.50
Arenac	1	50.	1	50.
Baraga	3	9.88	3	9.38
Barry	c		c	
Bay	35	7.23	36	7.44
Benrien	11	4.37	18	5.75
Branch	3	4.17	3	4.17
Calhoun	22	4.22	32	6.14
Case	15	5.77	25	9.62
Charlevoix	c		c	
Chippewa	46	30.67	56	37.38
Clare	c		1	2.70
Clinton	5	7.94	5	7.94
Crawford	c		c	
Delta	3	4.17	3	4.17
Eaton	6	2.11	6	2.11
Emmet	2	20.	2	20.
Genesee	10	2.67	13	3.47
Gladwin	c		c	
Gogebic	90	29.13	113	36.87
Grand Traverse	3	5.66	3	5.06
Gratiot	5	12.20	5	12.20
Hillsdale	25	15.63	45	28.13
Houghton	4	2.96	5	3.70
Ingham	8	3.79	8	3.79
Ionia	5	.70	12	1.69
Iosco	4	8.70	4	8.70
Iron	c		c	
Isabella	14	9.59	14	9.59
Jackson	8	2.23	8	2.23
Kalamazoo	47	4.65	47	4.65
Kent	59	8.56	66	3.99
Keweenaw	c		c	
Lake	4	9.76	5	12.20
Lapeer	6	1.38	10	2.32
Leelanau	c		c	
Livingston	c		c	
Luce	7	20.	7	20.
Mackinac	3	13.04	3	13.04
Macomb	3	5.45	3	5.45
Manistee	39	8.23	40	8.49
Manitou	c		c	
Marquette	22	11.34	26	13.40

a Exclusive of all counties that made no report of the number who could not read.

b Exclusive of all counties that made no report of the number who could not write.

c None.

TABLE VI.—CONTINUED.

Counties.	Could not read.		Could not write.	
	Number.	Per cent to the whole number received in the jails.	Number.	Per cent to the whole number received in the jails.
Mason	6	10.17	6	10.17
Mecosta	a		a	
Menominee	a		a	
Midland	7	17.50	9	22.50
Missaukee	8	25.	8	25.
Monroe	13	18.84	18	18.84
Montcalm	4	7.84	5	9.80
Montmorency	a		a	
Muskegon	7	8.68	9	4.74
Newaygo	2	8.45	2	3.45
Oakland	31	6.92	32	7.14
Oceana	a		a	
Ogemaw	6	37.50	8	50.
Ontonagon	2	7.41	2	7.41
Osceola	a		a	
Oscoda	1	20.	1	20.
Otsego	a		a	
Ottawa	5	2.13	5	2.13
Presque Isle	a		a	
Roscommon	29	44.44	25	55.56
Sanilac	1	9.09	1	9.09
Seneca	7	10.	7	10.
Shiawassee	1	2.44	1	2.44
St. Clair	6	1.	8	1.33
St. Joseph	6	15.	6	15.
Tuscola	6	10.58	6	10.58
Van Buren	4	7.14	5	8.93
Washtenaw	10	2.39	11	2.63
Wayne	74	4.34	75	4.40
Wexford	17	17.71	15	15.63

a None.

TABLE VII.

Showing, for the State and counties, the total cost of maintaining the jails, the amount paid by the counties to the sheriffs for board and keeping of prisoners, the amount paid for medical attendance, for clothing, for repairs of the jails, for furniture, and the miscellaneous jail expenditures, for the year ending June 30, 1893.

State and counties.	Expenditures.					
	Total cost of main- taining the jails.	Paid to sheriffs for board and keeping of prisoners.	For medical attend- ance.	For clothing.	For repairs of jail.	Miscella- neous.
State	\$190,309 62	\$110,915 78	\$2,866 23	\$1,191 75	\$7,764 48	\$668 85
Alcona	\$336 00	\$256 00			\$55 00	\$15 00
Alger	1,348 83	1,040 60			306 25	
Allegan						
Alpena	1,263 20	901 96	120 00	5 50	203 74	82 00
Antrim	382 25	319 70		2 55	20 00	40 00
Arenac	40 00	40 00				
Baraga	645 00	497 00		15 00	100 00	18 00
Barry	188 70	176 70	7 00			
Bay	6,139 35	4,339 35				1,800 00
Benzie	200 00	200 00				
Berrien	2,309 21	2,125 05	68 04	66 82	31 50	17 80
Branch	719 70	645 20	10 00	3 00	25 00	33 00
Calhoun	260 05	b	27 50	37 50	155 75	89 30
Cass	3,025 60	2,291 50	18 06	7 50	175 35	525 75
Charlevoix	c 25 00	17 50				
Cheboygan	167 40	160 00	2 00	5 40		
Chippewa	1,982 90	1,500 00	65 00	22 70	32 50	350 50
Clare	1,257 00	844 00	15 00	10 00	158 00	200 00
Clinton	1,271 80	891 50	68 00	32 80	121 00	158 00
Crawford	540 00	500 00	25 00		15 00	
Delta	1,316 67	907 07		10 90	154 20	244 50
Dickinson	809 40	809 40				
Eaton	2,296 65	2,241 40	30 00	10 00	5 25	10 00
Emmet	196 11	124 11			22 00	50 00
Genesee	2,011 25	1,671 25	25 00	15 00	100 00	200 00
Gladwin	100 00	75 00			25 00	
Gogebic	5,946 25	5,658 20		88 05	175 00	25 00
G'd Traverse	785 00	565 00	20 00	10 00	50 00	20 00
Gratiot	775 00	700 00	30 00	25 00	20 00	
Hillsdale	1,446 40	1,050 40		5 00	25 00	860 00
Houghton	1,940 85	1,514 60	180 80	45 00	150 20	50 25
Huron	487 50	370 50	11 70	7 30	75 00	3 00
Ingham	2,550 00	2,240 60	5 00		20 00	250 00
Ionia	2,111 00	2,111 00				
Iosco	1,175 50	1,000 50	25 00		150 00	
Iron	214 70	214 70				
Isabella	572 00	500 00	10 00	25 00	12 00	25 00
Jackson	2,510 85	2,170 85	35 00	50 00	75 00	30 00
Kalamazoo	6,521 28	6,290 81	50 00	48 92	72 25	38 60
Kalkaska	115 00	40 00			50 00	25 00

^a Exceeds the sum of items by \$1,119.87. See expenditures as reported from Charlevoix and Newaygo counties.

^b Bill not rendered.

^c Exceeds the sum of items by \$7.50.

TABLE VII.—CONTINUED.

Counties.	Expenditures.						
	Total cost of maintaining the jails.	Paid to sheriffs for board and keeping of prisoners.	For medical attendance.	For clothing.	For repairs of jail.	For furniture.	Miscellaneous.
Kent	\$9,416 40	\$9,981 40	a \$200 00	\$90 00	\$150 00	\$25 00	\$50 00
Keweenaw	12 50	7 50					5 00
Lake	618 55	608 55			10 00		5 00
Lapeer	1,095 00	950 00	25 00		20 00	20 00	80 00
Leelanau	84 96	71 96					13 00
Lenawee	1,762 85	1,761 35		1 50			
Livingston	998 60	908 60			75 00		10 00
Luce	411 00	313 25	16 00		81 75		
Mackinac	176 85	176 85					
Macomb	b	b	b				
Manistee	1,778 00	1,725 00	c	8 00	25 00		20 00
Manitou	a 20 00	a 15 00					a 5 00
Marquette	4,088 53	2,768 00	411 19	76 12	716 05	114 17	
Mason	1,273 50	860 00	35 00	7 50	96 00		275 00
Mecona	90 00	c	90 00		c		c
Menominee	2,085 72	1,674 10	190 00	181 62			
Midland	985 00	565 00			150 00		150 00
Missaukee	202 00	118 00	12 00		72 00		
Monroe	c	c	c	c	c	c	c
Montcalm	986 05	878 55			97 50	10 00	
Montmorency	99 42	78 42	2 50		5 00		2 50
Muskegon	2,412 50	2,357 50	d	50 00			5 00
Newaygo	e 1,112 37						
Oakland	2,688 64	2,175 10	25 00	4 27	442 99	36 28	
Oceana	231 18	226 18			5 00		
Ogemaw	345 15	265 65	2 00	7 50	45 00		25 00
Ontonagon	1,259 64	798 10	47 00	73 60	67 50	7 00	271 84
Oscoda	835 00	325 00			10 00		
Oscoda	8 05			2 05		6 00	
Otsego	37 75	25 75		6 00	6 00		
Ottawa	1,890 80	1,820 65	17 00	19 00	21 65		12 00
Presque Isle	82 00	56 50	1 50				24 00
Roscommon	445 00	400 00	5 00		5 00	25 00	10 00
Saginaw	5,892 75	4,406 75	75 00	80 00	754 00		125 00
Sanilac	2,108 06	250 55	8 08	4 50	1,860 00		
Schoolcraft	738 00	524 00	23 00			6 00	175 00
Shiawassee	482 66	389 66	28 00	5 00	50 00	5 00	55 00
St. Clair	2,229 00	2,034 00	130 00	66 00	55 00		
St. Joseph	810 82	487 50	5 00	5 15	20 00	6 50	386 67
Tuscola	855 00	800 00	25 00	10 00	15 00		5 00
Van Buren	888 00	793 00	15 00	10 00	20 00		50 00
Washtenaw	4,496 00	4,306 50	40 00	10 00	15 00	50 00	75 50
Wayne	18,138 12	18,138 12					
Wexford	1,316 90	906 90	100 00	10 00	300 00		

a Estimated.

b Settled by board of supervisors.

c No record kept.

d A county physician is employed.

e Expenditures not itemized.

TABLE VIII.

Showing, for the State and counties, the total amount expended in arresting and detaining prisoners, the total cost of maintaining the jails, the amount of traveling and other expenses incurred in arresting and taking prisoners to the jails, and to the penal and reformatory institutions, and certain expenditures not elsewhere shown, for the year ending June 30, 1893.

State and counties.	Totals.	Total cost of maintaining the jails.	Traveling and other expenses incurred in arresting and taking prisoners to the jails.	Expended in taking prisoners to penal and reformatory institutions.	Expenditures not elsewhere shown.
State.....	\$159,950 72	\$130,309 62	\$20,945 24	\$7,988 70	\$712 16
Alcona.....	\$541 00	\$336 00	\$115 00	\$90 00	-----
Alger.....	1,382 45	1,348 85	-----	18 60	-----
Allegan.....	-----	-----	-----	-----	-----
Alpena.....	1,850 20	1,263 20	397 00	190 00	-----
Antrim.....	637 90	382 25	200 00	55 65	-----
Arenac.....	90 00	40 00	50 00	-----	-----
Baraga.....	645 00	645 00	-----	-----	-----
Barry.....	313 61	183 70	128 41	6 50	-----
Bay.....	6,752 85	6,139 35	-----	613 50	-----
Benzie.....	200 00	200 00	-----	-----	-----
Berrien.....	2,309 21	2,309 21	-----	-----	-----
Branch.....	1,139 70	719 70	240 00	180 00	-----
Calhoun.....	522 65	260 05	165 20	97 40	-----
Cass.....	4,165 10	3,025 60	1,000 00	139 50	-----
Charlevoix.....	97 00	25 00	3 00	69 00	-----
Cheboygan.....	167 40	167 40	-----	-----	-----
Chippewa.....	1,982 90	1,982 90	-----	-----	-----
Clare.....	3,041 74	1,257 00	1,457 54	327 20	-----
Clinton.....	2,068 30	1,271 30	590 40	24 60	\$192 00
Crawford.....	586 00	540 00	10 00	36 00	-----
Delta.....	1,658 84	1,316 67	270 47	71 20	-----
Dickinson.....	809 40	809 40	-----	-----	-----
Eaton.....	3,656 65	2,296 65	1,200 00	160 00	-----
Emmet.....	196 11	196 11	-----	-----	-----
Genesee.....	2,011 25	2,011 25	-----	-----	-----
Gladwin.....	500 00	100 00	400 00	-----	-----
Gogebio.....	6,128 25	5,948 25	110 00	72 00	-----
Grand Traverse.....	990 00	635 00	125 00	200 00	-----
Gratiot.....	1,235 00	775 00	400 00	60 00	-----
Hillsdale.....	2,560 40	1,440 40	1,000 00	120 00	-----
Houghton.....	2,097 20	1,940 85	40 85	115 50	-----
Huron.....	1,217 50	467 50	250 00	240 00	160 00
Ingham.....	3,050 00	2,550 00	300 00	200 00	-----
Ionia.....	2,111 00	2,111 00	-----	-----	-----
Iosco.....	1,355 50	1,175 50	50 00	100 00	10 00
Iron.....	596 60	214 70	300 00	80 90	-----
Isabella.....	1,122 00	572 00	500 00	50 00	-----
Jackson.....	2,586 40	2,510 85	-----	75 55	-----
Kalamazoo.....	7,474 58	6,521 28	800 00	-----	153 55
Kalkaska.....	115 00	115 00	-----	-----	-----
Kent.....	11,268 90	9,416 40	1,200 00	652 50	-----
Keweenaw.....	122 10	12 50	20 00	-----	89 60
Lake.....	618 55	618 55	-----	-----	-----
Lapeer.....	2,555 00	1,095 00	1,200 00	290 00	-----
Leelanau.....	210 45	84 95	72 50	53 00	-----

* The counties of Barry, Dickinson, Iron and Lenawee report for only six months; Allegan and Monroe make no report of expenditures, and a few other counties make only a partial report of expenditures.

TABLE VIII.—CONTINUED.

Counties.	Totals.	Total cost of maintaining the jails.	Traveling and other expenses incurred in arresting and taking prisoners to the jails.	Expended in taking prisoners to penal and reformatory institutions.	Expenditures not elsewhere shown.
Lenawee	\$1,762 85	\$1,762 85			
Livingston	1,243 60	993 60	\$200 00	\$50 00	
Luce	331 50	411 00	51 50	69 00	
Mackinac	310 85	176 85	105 00	28 50	
Macomb	125 00			125 00	
Manistee	2,428 00	1,778 00	250 00	400 00	
Manitowish	24 25	20 00	4 25		
Marquette	4,350 90	4,083 58	279 12	18 25	
Mason	1,447 50	1,273 50	86 00	88 00	
Mecosta	90 00	90 00			
Menominee	2,085 72	2,035 72			
Midland	1,452 50	985 00	450 50	17 00	
Missaukee	390 90	202 00	94 50	64 40	
Monroe					
Montcalm	986 05	986 05			
Montmorency	181 42	99 42	25 00	57 00	
Muskegon	3,465 30	2,412 50	1,000 00	52 80	
Newaygo	1,112 37	1,112 37			
Oakland	4,583 64	2,683 64	1,700 00	200 00	
Oceana	349 93	231 18	100 00	18 75	
Ogemaw	427 40	345 15	4 90	77 35	
Ontonagon	1,700 29	1,259 51	325 00	115 75	
Oscoda	497 00	385 00	100 00	62 00	
Oscoda	58 05	8 05			\$45 00
Otsego	219 75	37 75	150 00	32 00	
Ottawa	2,456 95	1,890 30	445 00	121 65	
Presque Isle	130 00	82 00	48 00		
Roscommon	610 00	445 00	105 00	60 00	
Saginaw	6,281 65	5,392 75	809 45	579 45	
Sanilac	2,139 05	2,108 05		31 00	
Schoolcraft	998 00	738 00	100 00	160 00	
Shiawassee	512 68	482 66		30 00	
St. Clair	2,289 00	2,289 00			
St. Joseph	954 43	870 82	59 40	22 20	62 01
Tuscola	1,380 00	855 00	400 00	125 00	
Van Buren	1,288 00	888 00	300 00	100 00	
Washtenaw	5,543 25	4,496 00	872 25	175 00	
Wayne	18,133 12	18,183 12			
Wexford	2,766 90	1,316 90	700 00	750 00	

TABLE IX.

Showing, for the State and counties, the whole number of days prisoners were confined in the jails, the amount paid sheriffs for board and keeping of prisoners, and the cost per week for board and keeping of each prisoner; also the whole number of prisoners, the total cost of maintaining the jails, and the average cost of each prisoner confined in the jails, for the year ending June 30, 1893,

State and counties.	Whole No of days prisoners were confined in the jails	Amount paid sheriffs for board and keeping of prisoners.	Cost per week for board and keeping of each prisoner.	Whole No. of prisoners confined in the jails.	Total cost of maintaining the jails.	Average cost of each prisoner confined in the jails.
State	a 180,349	\$110,875 78	b \$4 67	14,579	\$130,309 62	c \$9 38
Alcona	690	\$256 00	\$2 80	10	386 00	\$38 60
Alger	78	1,040 60	99 78	4	1,345 85	337 21
Allegan ¹	d			41		
Alpena	591	901 98	10 68	42	1,263 20	30 08
Antrim	547	319 70	4 09	18	382 25	21 24
Arenac	50	d		3	e 40 00	13 33
Baraga	396	497 00	5 79	34	645 00	18 97
Barry ¹	154	176 70	8 03	17	183 70	10 80
Bay	6,354	4,339 35	4 78	507	6,139 35	12 11
Benzie	265	200 00	5 28	14	200 00	14 29
Berrien	4,564	2,125 05	3 26	248	2,809 21	9 31
Branch	921	645 20	4 90	72	719 70	10 00
Calhoun	9,109	d		527	e 280 08	49 49
Cass	3,793	2,291 50	4 24	284	3,025 60	11 46
Charlevoix	10	17 50	12 25	1	25 00	25 00
Cheboygan	287	180 00	3 90	20	167 40	8 37
Chippewa	2,320	1,500 00	4 58	157	1,982 90	12 63
Clare	860	844 00	6 67	42	1,257 00	29 98
Clinton	1,098	891 50	5 68	68	1,271 80	20 18
Crawford	350	500 00	10 00	7	540 00	77 14
Delta	1,774	907 07	8 58	76	1,316 67	17 82
Dickinson ¹	1,348	809 40	4 20	46	869 40	17 60
Eaton	3,689	2,241 40	4 25	291	2,296 65	7 89
Emmet	162	124 11	5 36	12	196 11	16 34
Genesee	2,695	1,671 25	4 34	381	2,011 25	5 28
Gladwin	90	75 00	5 83	5	100 00	20 00
Gogebic	9,555	5,658 20	4 15	338	5,946 25	17 59
G'd Traverse	957	565 00	4 13	57	665 00	11 67
Gratiot	517	700 00	9 48	41	775 00	18 90
Hillsdale	1,705	1,050 40	4 81	164	1,440 40	8 78
Houghton	3,169	1,514 60	3 35	145	1,940 85	13 39

¹ Report for six months, from January 1, to July 1, 1893.

a Exclusive of Newaygo county that made no report of the number of days prisoners were confined in the jail.

b Exclusive of Arenac, Calhoun, Macomb, Mecosta, Monroe, and Oscoda counties that did not report the amount paid sheriffs for board and keeping of prisoners; of Newaygo that reports neither the number of days prisoners were confined in the jail, nor the amount paid sheriffs for board and keeping prisoners, and of Allegan, Barry, Dickinson, Iron and Lenawee, that report for six months only.

c Exclusive of Arenac, Calhoun, Macomb, Mecosta, Monroe, Newaygo and Oscoda counties, that did not report the entire expenditures for maintaining the jails, and of Allegan, Barry, Dickinson, Iron and Lenawee, that report for six months only.

d Not reported.

e Amount paid sheriff for board and keeping prisoners not reported.

TABLE IX—CONTINUED.

Counties.	Whole No. of days prisoners were confined in the jails.	Amount paid sheriffs for board and keeping of prisoners.	Cost per week for board and keeping of each prisoner.	Whole No. of prisoners confined in the jails.	Total cost of maintaining the jails.	Average cost of each prisoner confined in the jails.
Huron.....	582	\$370 50	\$4 48	34	\$467 50	\$12 75
Ingham.....	2,988	2,240 00	5 25	212	2,550 00	12 03
Ionia.....	3,228	2,111 00	4 58	710	2,111 00	2 97
Iscoco.....	1,287	1,000 50	5 44	50	1,175 50	23 51
Iron.....	286	214 70	5 25	12	214 70	17 89
Isabella.....	500	500 00	7 00	150	572 00	3 81
Jackson.....	3,909	2,170 85	3 89	376	2,510 85	6 68
Kalamazoo.....	6,731	6,290 81	6 54	1,032	6,521 28	6 38
Kalkaska.....		40 00			115 00	
Kent.....	18,292	8,981 40	3 42	1,708	9,418 40	5 51
Keweenaw.....	6	7 50	8 75	3	12 50	4 17
Lake.....	532	608 55	5 08	44	618 55	14 06
Lapeer.....	1,775	950 00	3 75	457	1,095 00	2 40
Leelanau.....	152	71 95	3 31	7	84 95	12 14
Lenawee.....	2,955	1,761 35	4 17	152	1,762 35	11 60
Livingston.....	207	908 60	30 73	19	993 60	52 29
Luce.....	435	318 25	5 04	35	411 00	11 74
Mackinac.....	287	176 85	4 31	23	176 85	7 69
Macomb.....	1,224	a		56	a	
Manistee.....	3,204	1,735 00	3 77	478	1,778 00	3 72
Manitou.....	1	15 00	105 00	1	20 00	20 00
Marquette.....	4,425	2,766 00	4 38	207	4,083 53	19 73
Mason.....	817	860 00	7 37	60	1,373 50	21 23
Mecosta.....	1,090	a		108	90 00	37
Menominee.....	1,254	1,674 10	6 32	168	2,035 73	12 12
Midland.....	646	685 00	7 42	40	985 00	24 63
Missaukee.....	204	118 00	4 05	12	202 00	16 83
Monroe.....	1,472	a		71	a	
Montcalm.....	1,873	878 55	3 25	54	966 05	18 36
Montmorency.....	105	88 42	5 89	6	99 42	16 57
Muskegon.....	4,030	2,357 50	4 09	208	2,412 50	11 84
Newaygo.....	a			59	1,112 37	18 85
Oakland.....	3,723	2,175 10	4 09	453	2,688 64	5 92
Oceana.....	396	226 18	4 00	8	231 18	28 90
Ogemaw.....	241	265 65	7 72	16	345 15	21 57
Ontonagon.....	1,050	793 10	5 29	38	1,259 54	33 15
Oscoda.....	474	325 00	4 80	14	335 00	23 93
Oscoda.....	120	a		5	8 05	1 61
Otsego.....	136	25 75	1 33	3	37 75	12 58
Ottawa.....	2,068	1,820 65	4 16	247	1,990 80	7 65
Presque Isle.....	65	56 50	6 08	4	82 00	10 25
Roscommon.....	500	400 00	5 60	46	445 00	9 67
Saginaw.....	6,713	4,406 75	4 60	371	5,392 75	14 54
Sanilac.....	370	250 55	6 50	12	2,108 05	175 67
Schoolcraft.....	878	524 00	4 18	74	788 00	9 95
Shiawassee.....	700	339 66	3 40	45	482 66	10 73
St. Clair.....	3,722	2,038 00	3 83	612	2,299 00	3 74
St. Joseph.....	1,065	437 50	2 82	40	810 82	20 27
Tuscola.....	1,446	300 00	3 57	59	855 00	14 49
Van Buren.....	1,338	793 00	4 15	58	888 00	15 31
Washtenaw.....	3,156	4,305 50	9 55	423	4,496 00	10 63
Wayne.....	25,849	18,138 12	4 91	1,767	18,133 12	10 26
Wexford.....	1,112	906 90	5 71	101	1,316 90	13 04

1 Report for six months, from January 1 to July 1, 1898.

a Not reported.

b Amount paid sheriff for board and keeping prisoners not reported.

TABLE X.

Showing, for the State and counties, the number of prisoners confined in the jails under city and village ordinances, and the amount received by the sheriffs for boarding and keeping such prisoners, as reported for the year ending June 30, 1893.

State and counties.	Number of prisoners.	Amount received by sheriffs for boarding prisoners.
State	1,202	\$3,455 64
Allegan	36	
Alpena	19	\$190 00
Baraga	16	
Barry	25	32 00
Benzie	20	10 75
Berrien	11	440 00
Crawford	250	250 00
Emmet	11	60 35
Gladwin	11	20 00
Grand Traverse	48	200 00
Houghton	34	382 50
Huron	4	9 75
Iron	4	10 00
Isabella	55	100 00
Jackson	115	483 40
Kalamazoo		120 00
Kalkaska	25	50 00
Livingston	53	42 40
Loce	21	56 70
Macomb	170	
Manistee	2	12 60
Mason	5	30 00
Menominee	19	
Midland	9	27 50
Missaukee	21	48 52
Montmorency	2	2 42
Muskegon	57	432 25
Newaygo	12	
Oceana	12	65 00
Ogemaw	1	7 50
Ontonagon	19	27 60
Otsego	12	
Ottawa	7	22 90
Presque Isle		1 00
Schoolcraft	60	250 00
Tuscola	16	20 00
Washtenaw	5	10 00
Wexford	15	90 50

SCHEDULE A.

Statements of the condition of the jails in the several counties, with miscellaneous remarks relating to them and their inmates, as made by the sheriffs.

Alcona.—Jail is 100x150 feet, built of brick, wood and iron, heated by wood stoves, ventilated by windows, and is without sewerage. There are five cells: one 12x14, one 8x12, one 6x12, and two 6x10 feet. Two are made of iron and three of wood. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Alger.—Jail is 22x26 feet, built of brown stone, heated by hot water heater and ventilated by a pipe from the water closet. Sewerage is in good condition. There are four cells 5x7 feet, three of which are made of iron and one of steel. We have a good pump and tank above the jail which supplies the water, and we have a good bath tub. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Allegan.—Jail is 24x36 feet, built of brick, heated by wood stoves, and ventilated by windows, and a tin pipe from floor to chimney. Sewerage is in fair condition. There are four cells, 8x12 feet, made of iron bars. There are two cells, one hall with stove and water closet for female prisoners, which are also used for boy prisoners. Have no special provisions for insane and idiotic persons. The boy prisoners at present are confined in that part of the jail intended for females, there being no female prisoners. Should there be at the same time boy and female prisoners the situation would be most undesirable.

Alpena.—Jail is 40x70 feet, built of stone, heated by hot water heater, and ventilated by windows. The sewerage is in good condition. There are twelve cells, two of which are 12x14, six 8x12 feet, and two bath rooms. Cells are made of chilled steel. There are two separate cells for female and boy prisoners, also separate cells for insane and idiotic persons.

Antrim.—Jail is 30x40 feet, built of wood and iron, heated by stoves, and ventilated by windows. Sewerage is in good condition. There are eight cells 5x7 feet, made of iron. There are no special provisions for female and boy prisoners, nor for insane and idiotic persons.

Arenac.—No jail. Prisoners are kept in Bay county jail.

Baraga.—Jail is 24x26 feet, not including the sheriff's dwelling. It is built of brick and stone, with slate roof; is heated by stoves, and ventilated by windows and air chambers. Sewerage is in good condition. There are two cells 7x8 feet, made of steel. There are separate rooms away from the main jail for female and boy prisoners, also for insane and idiotic persons.

Barry.—Jail is 28x33 feet, built of stone, brick and iron, is heated by steam, and ventilated by registers in the wall. Sewerage is in good condition. There are eleven cells 6x7 feet, made of iron. Criminal ward is on first floor and juvenile ward on second floor. Women's ward is on second floor of residence. Have no special provisions for insane and idiotic persons.

Bay.—Jail is 40x40 feet, built of brick, iron and wood on stone foundation, is heated by steam, and ventilated by shafts and windows. Sewerage is in good condition. There are twenty-four cells 5x8 feet, made of iron. For female and boy prisoners we have four cells above the jail proper, also two padded cells for insane and idiotic persons. For medical attendance \$800 per year is paid a physician by the county, whose district takes in the jail and poorhouse.

Benzie.—Jail is 16x16 feet, built of square timber, spiked, and is heated by stoves. Sewerage is in good condition. There are two cells, 8x8 feet, made of wood. No special provisions for female and boy prisoners, nor for insane and idiotic persons. As our jail is of little use other than a village lockup, Benzie county uses Grand Traverse county jail.

Berrien.—Jail is 44x44 feet, is built of brick, stone and iron, is heated by stoves, ventilated from top, and is without sewerage. There are twenty-four cells 4x6 feet, made of iron and stone. Female and boy prisoners are confined in the upper story of the jail. Have no special provisions for insane and idiotic persons.

Branch.—Jail is 32x34 feet, built of brick, stone, iron and wood, is heated by furnace and ventilated by flues. Sewerage is in good condition. There are eight cells 6x8 feet, made of boiler iron. We have two rooms above regular jail for female and boy prisoners. No special provisions for insane and idiotic persons.

Calhoun.—Jail is 30x32½ feet, built of brick and iron, has a stone foundation, is heated by steam, and ventilated by iron pipes in the wall from top of the jail. Sewerage is good; water from city is used. There are twelve cells, 6x10 and 9x12 feet, made of iron and steel. We have special provisions for female and boy prisoners, also for insane and idiotic persons.

Cass.—Jail is 40x72 feet, built of brick, wood, stone and iron, is heated by steam, and ventilated by pipes from each cell to ventilator in roof. Sewerage is in good condition. There are fourteen cells, 7x8, 10x12 and 12x14 feet, made of stone and iron. We have two cells for female prisoners. No special provisions for insane and idiotic persons.

Charlevoix.—Jail is 25x30 feet, built of wood, heated by stoves and ventilated by grated windows. There are five cells, 8x10 feet, made of plank, with grated windows and iron doors. No special provisions for female and boy prisoners, nor for insane and idiotic persons. This county has no jail at the county seat but rents a village jail 12 miles distant.

Cheboygan.—Jail is 30x45 feet, built of brick, heated by furnace, and ventilated by windows. Sewerage is in good condition. There are six cells.

Chippewa.—Jail is 30x30 feet, built of stone, heated by steam and ventilated by air pipes and windows. Sewerage is in good condition. There are six cells, 6x7x2½ feet, made of stone and iron. We have four rooms above the jail for female and boy prisoners. No provisions for insane and idiotic persons.

Clare.—No statement other than that there are no special provisions for insane and idiotic persons.

Clinton.—Jail is 41x34x15½ feet, built of brick, wood, iron and steel, heated by Bolton hot water system, and ventilated by windows. Sewerage is in good condition. There are fourteen cells; eight are 7x7½x5 feet and six are 7x7x5 feet, made of wood and iron. We have one cell over the sheriff's dwelling for female and boy prisoners, but none for insane and idiotic persons.

Crawford.—Jail is 30x30 feet, built of wood, and ventilated by windows. Sewerage is in good condition. There are two cells, 8x8 feet, made of steel. We have special provisions for female and boy prisoners, but none for insane and idiotic persons.

Delta.—Jail is 20x20 feet, with an addition 18x22 feet, built of brick and wood, heated by stoves, and ventilated by pipe through the roof. Sewerage is in good condition. There are four cells 6x6x9 feet, made of steel and iron. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Dickinson.—Prisoners are confined in Menominee county jail.

Eaton.—Jail is 25x27 feet inside of the walls, built of stone, brick, iron and steel, is heated by steam, and ventilated by flues. Sewerage is in bad condition. There are six cells: two 5x7 and four 7x7 feet, made of iron. The city lockup is on lower floor. We have two rooms upstairs in sheriff's residence for female and boy prisoners, and we have special provisions for insane and idiotic persons.

Emmet.—The main jail is 18½x30½ feet, with a wing 16x20 feet, built of wood, heated by stoves, and ventilated by windows. No sewerage. There are six cells: one 9x10½, one 6x9, two 7x7, one 9½x8½, one 9½x6½ feet, and a vestibule 4x18 feet. Four cells are made of wood, and two are steel cages. Female and boy prisoners are confined in the wing. No special provisions for insane and idiotic persons.

Genesee.—Jail is 34x30 feet, built of brick and iron, heated by stoves, and ventilated by windows. Sewerage is in good condition. There are fifteen cells 7x5 feet, made of

iron, with cement floors. We have two separate rooms for female and boy prisoners. No special provisions for insane and idiotic persons.

Gladwin.—Jail is 14x30 feet, built of brick and stone, heated by wood stoves, and ventilated by windows. Sewerage is in fair condition. There are three cells 6x9 feet, made of boiler iron. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Gogebic.—Jail is 42x42 feet, two stories high, built of brick and stone, heated by steam, and without special ventilation. Sewerage is in good condition. There are thirteen cells, 6x7 feet, made of boiler iron. We have two separate rooms for female and boy prisoners, but no special provisions for insane and idiotic persons.

Grand Traverse. Jail is 30x30 feet, built of iron, steel, brick and stone, heated by steam, and ventilated by air flues. Sewerage is in good condition. There are seventeen cells; twelve 6x7 and five 7x10 feet. Twelve are made of iron and steel, and five are plastered. We have special provisions for female and boy prisoners, but none for insane and idiotic persons. Water from water works is in all parts of the jail.

Gratiot.—Jail is 31½x32½ feet, built of iron, brick, stone and wood; is heated by hot air, and ventilated by windows. Sewerage is not in a very good condition. There are eight cells, 5x7 feet, six of which are made of iron and two of iron and wood. For female and boy prisoners, we have a room twelve feet square, and two cells 5x7 feet. These cells are also used for insane and idiotic persons.

Hillsdale. Jail is 30x40 feet, built of iron, brick and stone, heated by steam and ventilated by ventilating stack. Sewerage is in good condition. There are fourteen cells on first floor. They are 8x10 feet, and made of iron and stone; on second floor they are 10x12 feet, made of iron. We have two cells on second floor for female and boy prisoners. No special provisions for insane and idiotic persons. All medical attendance is under contract with physician who attends paupers at county house as well, and no separate account is kept.

Houghton.—The first floor of the jail is 50x32x14 feet. Second floor 16x50x14 feet. The jail is built of brick, heated by steam, and ventilated by windows and ventilator. Sewerage is in good condition. There are seventeen cells, made of iron and steel. The iron cells are 7x6 and 5x7 feet, and the steel cells 8x7x7. We have separate rooms for female and boy prisoners, but none for insane and idiotic persons.

Huron. Jail is 32x30 feet, built of iron, brick and stone, heated by steam and ventilated by windows and ventilators in ceiling. Sewerage is in good condition, except the outlet. There are thirteen cells, 5x7 feet, made of iron bars. We have one cell over sheriff's residence for female and boy prisoners. No special provisions for insane and idiotic persons. Jail and appurtenances are all right for our county, except sewerage. Our town has no system of sewerage, hence the jail sewerage empties into a large vault or cesspool, which is becoming a public nuisance.

Ingham.—The residence is 36x36 feet, old jail 18x25 feet, new jail 27x36 feet, built of brick and wood, heated by furnace and stoves and ventilated by registers. Sewerage is in good condition. There are seventeen cells, 5x7 feet, made of iron and steel. We have special provisions for female and boy prisoners, but none for insane and idiotic persons.

Ionia.—The jail is built of iron, brick and sandstone, heated by steam and ventilated by ventilators in ceiling. Sewerage is in good condition. There are thirteen cells, 5x7x7 feet, made of boiler iron. We have one cell upstairs in sheriff's residence for female and boy prisoners. This cell is also used for insane and idiotic persons.

Iosco. Jail is 22x22 feet and two stories high, built of brick with stone foundation, heated by hot air furnace and ventilated by ventilators in chimneys and through the roof. Sewerage in good condition. There are four cells, each holding four prisoners. They are 6½x8x7 feet, two are made of steel and two of iron. Two cells in upper story can be used for female and boys prisoners, also for insane and idiotic persons. Our jail cells and cell corridors are so small that it is necessary to let the prisoners have the jail corridor for exercise during the day in warm weather. They are locked in the cells during the night. The walls are brick twelve inches thick, lined with iron, and the jail is perfectly safe.

Iron.—Jail is 33x22 inside and 16 feet high, built of brick, heated by steam and ventilated by ventilators in roof. Sewerage is in good condition. There are six cells; two are 8x10 and four are 6x8 feet, made of steel. We have separate rooms for female and boy prisoners, which are supplied with steel cells. No special provisions for insane and idiotic persons.

Isabella.—Jail is 30x40 feet, built of brick and iron, heated by stoves, and has good ventilation. Sewerage is in good condition. There are six cells, 12x6 feet, made of steel. Have no special provisions for female and boy prisoners, nor for insane and idiotic persons.

Jackson.—Jail is 40x60 feet and two stories high, built of brick, heated by stoves, and ventilated by windows. Sewerage is in bad condition. There are fourteen cells, 5x7 feet, made of boiler iron. We have special provisions for female and boy prisoners in second story of jail. No special provisions for insane and idiotic persons.

Kalamazoo.—Jail is 65x34 feet, built of brick and stone, heated by steam, and ventilated by the Benson patent ventilators. Sewerage is in good condition. There are thirty cells, 7x5 feet, made of steel, brick and stone. We have special provisions for female prisoners on second floor of jail. Boy prisoners are confined in cells separate from all others, as are also the insane and idiotic persons.

Kalkaska.—Jail is 24x32 feet, built of wood, heated by wood stoves and ventilated through the chimney. No sewerage. There are six cells, 5x6 feet, made of steel and iron. Have special provisions for female and boy prisoners in second story of jail.

Kent.—Jail is built of brick and iron, heated by steam and ventilated by windows. Sewerage is in bad condition. There are forty-nine cells, forty-two are made of iron and seven of wood. We have special provisions for female prisoners, but none for boys, nor for insane and idiotic persons. This county is building a large addition and remodeling the old jail, which will be completed in a short time, when we will have sufficient and good accommodation for all classes of prisoners.

Keweenaw. Jail is 20x20 feet, built of stone, heated by stoves, and ventilated by windows and ventilators in chimneys. Sewerage is in good condition. There are two cells 7x6x7 feet, made of iron. For female and boy prisoners there are separate rooms on the second floor. Have no special provisions for insane and idiotic persons. Plenty of water has been brought into the jail by iron pipes under the ground from a dam one quarter of a mile away. The first story contains the two cells. In the second story there are two rooms, each 10x20 feet. The sheriff's residence is attached to the jail and is built of wood.

Lake.—Jail is 36x20 feet, built of iron, brick and stone, heated by wood stoves, and ventilated by windows and chimney flues. Sewerage is in good condition. There are four cells, 6x8 feet, made of iron, brick and stone. We have a separate department for female and boy prisoners, but no special provisions for insane and idiotic persons.

Lapeer.—Jail is 32x26 feet, built of steel and brick, heated by stoves and ventilated by windows and ventilators. Sewerage is in good condition. There are seven cells, 6½x7 feet, made of steel bars. We have separate cells for female and boy prisoners. No special provisions for insane and idiotic prisoners.

Leelanau.—Jail is 16x24 feet, built of 6x6 timbers, laid up and bolted. It is heated by stoves, and ventilated by windows. Sewerage is in good condition. There are three cells, two of which are 7x10 and one 6x10 feet, made of plank. No special provisions for female and boy prisoners, nor for insane and idiotic persons. The county is able and should provide a better jail.

Lenawee.—Jail is built of brick and stone, heated by steam, and ventilated by windows. Sewerage is in good condition. There are twelve cells, 7x7½ feet, made of iron and stone. We have two rooms for female and boy prisoners, but no special provisions for insane and idiotic persons. More room is very much needed, especially for insane persons.

Livingston.—Jail is 30x32 feet, built of iron, brick and stone, heated by hot water and ventilated by hot air flues from cells to roof. Sewerage is in good condition. There are ten cells. Six are 6x8, three are 6x10, and one 10x14 feet, and a bath room 6x10 feet. The cells on the first floor are made of boiler iron, and on the second floor of plank and plaster. There are special provisions for female and boy prisoners; also for insane and idiotic persons.

Luce.—Jail is 30x35 feet, built of iron, brick and wood, heated by steam, and ventilated by windows and ventilators in chimneys. Sewerage is in fair condition. There are five cells. Three are 7x9 and two are 9x9 feet. Three are made of steel and two of wood. There are special provisions for female and boy prisoners; also for insane and idiotic persons.

Mackinac.—Jail is built of brick, heated by stoves, and ventilated by windows. Sewerage is in bad condition. There are four cells, 5x7 feet, made of iron and stone.

We have special provisions for female and boy prisoners, but none for insane nor idiotic persons. The jail is in bad condition, is unsafe and unhealthy.

Macomb.—Jail is 30x30 feet, built of iron, brick and stone, and heated by hot water furnace. Have good ventilation. Sewerage is in good condition. The cells are made of steel. We have special provisions for female and boy prisoners, but none for insane and idiotic persons.

Manistee.—Jail is built of iron and brick, heated by steam, and ventilated by windows and air flues. Sewerage is in good condition. There are thirteen cells. Ten are 4x7, one 12x20, one 12x12, and one 9x12 feet, made of iron. For female and boy prisoners we have one room for each. No special provisions for insane and idiotic persons.

Manitou.—Jail is 20x30 feet, built of plank laid flat and spiked together; is heated by stoves, and ventilated by windows. Sewerage is in good condition. There are three cells, 8x10 feet, made of plank. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Marquette.—(Sheriff says, "No change in jail since last report," hence we copy.) Jail is 28x28 feet, two stories high, built of stone, heated by steam, and ventilated by windows and ventilators. Sewerage is in good condition. There are twelve cells. In lower story there are six cells, 5x7 feet, made of stone, and in the upper story there are six, which are 6x9 feet, made of iron. Have special provisions for female and boy prisoners, and for insane and idiotic persons.

Mason.—Jail is 32x40 feet, two stories high, built of brick and iron, heated by hot air furnace, and ventilated by windows. Sewerage is in good condition. There are eight cells on first floor, 5x7x8 feet, made of iron, and four on second floor, 8x8x8 feet, made of wood. Female and boy prisoners are confined above in separate cells. No special provision for insane and idiotic persons.

Mecosta.—Jail is 24x32 feet, built of iron and wood, heated by stoves and ventilated by windows. Sewerage is in bad condition. There are four cells 5x6½ feet, made of iron and wood. We have special provisions for female and boy prisoners, but none for insane and idiotic persons.

Menominee.—Jail is 32x50 feet, two stories high, built of iron, brick and stone, heated by steam and ventilated by tin tubes leading from each cell into main shaft. Sewerage is in good condition. There are fifteen cells 7½x6 feet, made of iron and steel. We have special provisions for female and boy prisoners; also for insane and idiotic persons.

Midland.—Jail is 32x20 feet, two stories high, built of brick, heated by hot water and ventilated by windows. Sewerage is in good condition. There are twelve cells 4x8x8 feet, and 8x8x8 feet, made with wood and sheeted over with iron. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Missaukee.—Jail is 35x40 feet, built of iron, brick, stone and wood, heated by furnace and ventilated by windows. Sewerage is in good condition. There are four cells 4x6½ feet, made of sheet iron. We have two cells in sheriff's residence for female and boy prisoners, and for insane and idiotic persons.

Monroe.—The cage in the jail is 20x8½ feet. The jail is built of brick, steel iron and stone, heated by furnace and ventilated by windows. Sewerage is in good condition. There are three cells 7½x6½ feet, made of steel and iron. We have two separate cells, large enough for two prisoners each, for female prisoners, and one juvenile cell large enough for two bunks. No special provisions for insane and idiotic persons.

Montcalm.—Jail is 30x40 feet, built of stone and lined with boiler iron, is heated by steam and ventilated by air shaft and windows. Sewerage is in good condition. There are nine cells 6x9 feet, made of boiler iron. For female and boy prisoners we have a brick annex 20x30 feet, two stories high and containing three cells on each floor. Have two iron lined cells in annex for insane and idiotic persons.

Montmorency.—Jail is 16x20 feet, built of wood, heated by stoves, and ventilated by windows. Sewerage is in good condition. There are two cells, 6x8 feet, made of iron. Have no special provisions for female and boy prisoners, nor for insane and idiotic persons.

Muskegon.—Jail is built of steel, iron, brick and stone, and is a good one. It is heated by steam, and ventilated by chimneys, pipes and windows. Sewerage is in good condition. There are twenty-nine cells. Those used for male prisoners are 5x7 feet. Those used for female and boy prisoners, also for insane and idiotic persons, are each 8x8

feet. Cells are made of iron and steel. There are special provisions for female and boy prisoners, and for insane and idiotic persons.

Newaygo.—Jail is 19x23 $\frac{3}{4}$ feet. "Main large room." It is built of iron and wood, heated by wood stoves, and ventilated by windows. Sewerage is in good condition. There are four cells, 5x7x7 feet, made of iron, and an iron corridor 5x20 feet. For female and boy prisoners we have two rooms, and one cell, made of 4x4 oak, which is also used for insane and idiotic persons.

Oakland.—Jail is 28x30 feet, two stories high, built of iron, brick and stone, heated by steam, and ventilated by air chambers. Sewerage is in good condition. There are sixteen cells, 6x8 feet, made of iron. For female prisoners we have a room 12x16 feet, and for boys a cell 8x10 feet, each supplied with bath room and water closet. No special provisions for insane and idiotic persons.

Oceana.—Jail is 24x30 feet, built of wood, heated by steam, and ventilated by windows. Sewerage is in very good condition. There are six cells, 6x8 feet, made of iron and wood. No special provisions for female and boy prisoners, nor for insane and idiotic persons. Our jail was built twenty-five years ago of boards one inch thick and eight inches wide, spiked together, and is not an ornament to the village.

Ogemaw.—Jail is 40x30 feet, built of iron, brick and stone, heated by furnace and ventilated by one cold air duct from top of cells. The sewer is a six-inch tile. There are ten cells, 5x7 feet, made of iron and steel. There are cells in the third floor of sheriff's residence for female and boy prisoners. No special provisions for insane and idiotic persons.

Ontonagon.—Jail is 17x25 feet inside and the cage is 12x20 feet. The jail is built of brick and stone, heated by stoves and ventilated by pipes and windows. Sewerage was in bad condition but in June we had it repaired. There are six cells 6x8 feet, made of steel. We have two cells 6x8 feet, with hall front four feet wide, for female and boy prisoners. No special provisions for insane and idiotic persons. The jail is too small, especially the women's department, as at certain seasons of the year we have a great number of prisoners.

Osceola.—Jail is 22x30 feet, built of iron and wood, heated by wood stoves and ventilated by windows. Sewerage is in good condition. There are three cells 4x7 feet, made of wood. We have a separate department containing one cell for female and boy prisoners. No special provisions for insane and idiotic persons.

Oscoda.—Jail is 18x20 feet, built of wood, heated by stoves and ventilated by windows. Have no sewerage. There are two cells 6x8 feet, made of iron. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Otsego.—Jail is 24x30 feet, built of brick, heated by steam and ventilated by pipes. Sewerage is in good condition. There are six cells 5x10 feet, made of iron. We have a separate room for female prisoners, but none for boys, nor for insane and idiotic persons.

Ottawa.—Jail is 30x36 feet, built with brick walls and two-inch plank lined with boiler iron. It is heated by furnace and hot air pipes, and ventilated by three ventilators in ceiling and by windows. Sewerage is in good condition. There are nine cells: four are 8x7 feet, two 5x8 feet, two 8x12 feet, and one 8x20 feet, made of boiler iron. The two cells 8x12 feet are expressly for female and boy prisoners. We use the boys' department for insane and idiotic persons. A new jail will be built next year.

Presque Isle.—Jail is 12x16 feet, built of stone and wooden partitions covered with steel plate, heated by wood stoves and ventilated by windows. Sewerage is in good condition. There are five cells 7x11 feet, made of stone. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Roscommon.—Jail is 20x30 feet, two stories high, built of wood, with stone foundation, heated by wood stoves, and ventilated by windows. No sewerage. There are three cells, 4x8 feet, made of $\frac{3}{8}$ inch sheet iron. No special provisions for female and boy prisoners, nor for insane and idiotic persons.

Saginaw.—Main jail is 30x36 feet; wing, 26x36 feet, built of brick, heated by steam, and ventilator in connection with steam heater. Sewerage is in fair condition. There are thirty-two cells. Twenty-eight are 7x5 feet, and four are 7x7 feet, made of iron. We have separate rooms for female and boy prisoners; also for insane and idiotic persons.

Sanilac.—Jail is built of brick, heated by wood stoves, and ventilated by windows.

Sewerage is in bad condition. There are six cells, made of iron and steel. We have special provisions for female and boy prisoners, but none for insane and idiotic persons.

Schoolcraft.—Jail is 24x40 feet, built of wood, heated by wood stoves, and ventilated by windows. Vaults are used for sewerage, and they are in good condition. There are six cells, 4x7 feet, made of iron. We have separate apartments on second floor for female and boy prisoners. No special provisions for insane and idiotic prisoners.

Shiawassee.—Jail 36x30 feet, built of brick, heated by coal stoves, and ventilated by windows. Sewerage is in bad condition. There are six cells, 6 $\frac{1}{2}$ x7 $\frac{1}{2}$ feet, made of iron and steel. We have three rooms in upper story, above the cells, for female and boy prisoners. No special provisions for insane and idiotic persons.

St. Clair.—(Sheriff says, "Same as last year," hence we copy.) Jail is 35x80 feet, built of brick, heated by steam and ventilated by windows. Sewerage is in good condition. There are sixteen cells, 8x10 feet, made of iron, with two beds in each cell. We have special provisions for female and boy prisoners; also for insane and idiotic persons.

St. Joseph.—Jail is 40x50 feet, with wing for kitchen and dining room, built of brick, heated by coal and wood stoves, and ventilated by doors and windows. Sewerage is in good condition. There are fifteen cells: four are 8x10 feet, and eleven are 4x10 feet, lined with boiler iron. We have separate rooms with iron doors between for female and boy prisoners.

Tuscola.—Jail is 34x34 feet, built of brick and stone, heated by steam and ventilated by windows. Sewerage is in fair condition. There are seven cells: six are 5x8 feet, and one is 8x8 feet, made of iron and wood. We have one cell made of wood for female and boy prisoners. No special provisions for insane and idiotic persons.

Van Buren. Jail is 24x40 feet, built of wood, heated by coal stove and ventilated by windows. Sewerage is not good. There are nine cells: three are 6x8 feet and six are 5x10 feet, made of iron and wood. We have three cells upstairs for female and boy prisoners in addition to those described above. No special provisions for insane and idiotic persons.

Washtenaw.—Jail is 32x32 feet, exclusive of residence, and two stories high, built of brick and steel, heated by steam and ventilated by windows and four-inch flues running to the roof. Sewerage is in good condition. There are eighteen cells, 4 $\frac{1}{2}$ x7 feet, made of case hardened steel. Female and boy prisoners, and insane and idiotic persons are confined in cells on second floor.

Wayne.—The general condition of the jail is bad, but its sanitary condition is good. The building has been frequently condemned.

Wexford.—Jail is 30x30 feet, built of brick, stone, iron and steel, heated by furnace, and ventilated by large chimney and windows. Sewerage is in very good condition. There are six cells, 5x7 feet. Two are steel cages, and four are made of brick and steel. For female and boy prisoners, we have two cells up stairs, in sheriff's residence. No special provisions for insane and idiotic persons.

SCHEDULE B.

Names of sheriffs as signed officially to their reports.

Counties.	Names of sheriffs.	County seats.
Alcona.....	Carl M. Lund.....	Harrisville.
Alger.....	George Moore.....	Au Train.
Allegan.....	Joseph Stratton.....	Allegan.
Alpena.....	John McLaughlin.....	Alpena.
Antrim.....	Henry W. Stewart.....	Bellaire.
Arenac.....	Wellington N. Pomeroy.....	Standish.
Baraga.....	John Carney.....	L'Anse.
Barry.....	J. H. McKevitt.....	Hastings.
Bay.....	Henry Gunterman.....	Bay City.
Benzie.....	John L. Chandler.....	Benzonia.
Berrien.....	Charles H. Whitcomb.....	Berrien Springs.
Branch.....	Hezekiah Sweet.....	Coldwater.
Calhoun.....	David Walkinshaw.....	Marshall.
Cass.....	W. H. Coulter.....	Caesopolis.
Charlevoix.....	Frank P. Myers.....	Boyer City.
Cheboygan.....	P. Sullivan.....	Cheboygan.
Chippewa.....	A. Ford Hursley.....	Saulte Ste. Marie.
Clare.....	John R. Brown.....	Harrison.
Clinton.....	W. M. Leland.....	St. Johns.
Crawford.....	Thomas Wakeley.....	Grayling.
Delta.....	Regis Beauchamp.....	Escanaba.
Dickinson.....	Theodore B. Catlin.....	Iron Mountain.
Eaton.....	Granger F. Bosworth.....	Charlotte.
Emmet.....	Nicholas Therry (deputy).....	Harbor Springs.
Genesee.....	Wm. A. Garner.....	Flint.
Gladwin.....	Walter R. Black.....	Gladwin.
Gogebic.....	Thos. T. Eddy.....	Bessemer.
Grand Traverse.....	Medad Vinton.....	Traverse City.
Gratiot.....	Perry D. Pettit.....	Ithaca.
Hillsdale.....	Russell E. Converse.....	Hillsdale.
Houghton.....	Wm. A. Dunn.....	Houghton.
Huron.....	Duncan Buchanan.....	Bad Axe.
Ingham.....	Frank C. McEuen.....	Mason.
Ionia.....	Alexander T. Montgomery.....	Ionia.
Iosco.....	Thomas P. Cox.....	Tawas City.
Iron.....	Thomas Ball.....	Crystal Falls.
Isabella.....	Harry J. Kane.....	Mt. Pleasant.
Jackson.....	Archibald J. Peek.....	Jackson.
Kalamazoo.....	Wm. B. Vosburg.....	Kalamazoo.
Kalkaska.....	Richard F. Rugg.....	Kalkaska.
Kent.....	Isaac F. Lamoreaux.....	Grand Rapids.
Keweenaw.....	John A. Mitchell.....	Eagle River.
Lake.....	Henry Cutler.....	Baldwin.
Lapeer.....	Irving McArthur.....	Lapeer.
Leelanau.....	B. B. Ellis.....	Leland.
Lenawee.....	Edwin G. Wilson.....	Adrian.
Livingston.....	Almon L. Chase.....	Howell.
Luce.....	Adam G. Louks.....	Newberry.
Mackinac.....	Thomas Dolan.....	St. Ignace.
Macomb.....	Leonard Schneider.....	Mt. Clemens.
Manistee.....	Cornelius A. Waal.....	Manistee.
Manitou.....	Phillip C. Gallagher.....	St. James.
Marquette.....	Josiah Broad.....	Marquette.
Mason.....	Daniel Whalen.....	Ludington.
Mercola.....	W. D. Moody.....	Big Rapids.

SCHEDULE B.—CONTINUED.

County.	Names of Sheriffs.	County seats.
Menominee.....	Lars Astrup.....	Menominee.
Midland.....	Jerome W. Blackmar.....	Midland.
Missaukee.....	Richard M. Bleiby.....	Lake City.
Monroe.....	Joseph Kirchgessner.....	Monroe.
Montcalm.....	Charles M. King.....	Stanton.
Montmorency.....	Hugh McKenzie.....	Hillman.
Muskegon.....	Wm. H. Smith.....	Muskegon.
Newaygo.....	Allick T. Runnells.....	Newaygo.
Oakland.....	Hiram Kellam.....	Pontiac.
Oceana.....	Joseph Tyler.....	Hart.
Ogemaw.....	Hugh McFadyen.....	West Branch.
Osceola.....	R. H. Jones.....	Hersey.
Oscoda.....	Samuel C. Park.....	Mio.
Otsego.....	Riley Manes.....	Gaylord.
Ottawa.....	B. D. Keppel.....	Grand Haven.
Presque Isle.....	Max Kuhlmann.....	Rogers City.
Roscommon.....	Hugh L. Cox.....	Roscommon.
Saginaw.....	John W. Messner.....	Saginaw.
Sanilac.....	John Dawson.....	Sanilac Center.
Schoolcraft.....	Elmer D. Carr.....	Manistiquet.
Shiawassee.....	Wm. E. Jacobs.....	Corunna.
St. Clair.....	Jacob Bernatz.....	Port Huron.
St. Joseph.....	James H. Manbeck.....	Centerville.
Tuscola.....	Charles T. Jarvis.....	Caro.
Van Buren.....	Nathan Thomas.....	Paw Paw.
Washtenaw.....	Michael Brenner.....	Ann Arbor.
Wayne.....	Charles P. Collins.....	Detroit.
Wexford.....	Charles C. Dunham.....	Cadillac.

TWENTY-FIRST ANNUAL ABSTRACT
OF
STATISTICAL INFORMATION
RELATIVE TO THE
INSANE, DEAF AND DUMB, AND BLIND
ALSO STATISTICS OF THE
IDIOTIC AND EPILEPTIC
IN THE
STATE OF MICHIGAN

COMPILED UNDER THE SUPERVISION OF
WASHINGTON GARDNER, Secretary of State

1893



BY AUTHORITY

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1894



ABSTRACT.

TABLES I TO XXVII, INCLUSIVE,

AND

EXHIBIT A.

MICHIGAN,
DEPARTMENT OF STATE, }
Lansing, May 7, 1894.

HON. JOHN T. RICH, *Governor of the State of Michigan:*

SIR—In compliance with law, I submit herewith the Twenty-first Annual Abstract of Statistical information relative to the Insane, Deaf and Dumb, and Blind, also like information concerning the Epileptic and Idiotic, in the State at the time the assessment was taken for the year 1893.

Very respectfully,
WASHINGTON GARDNER,
Secretary of State.

STATISTICAL INFORMATION

TABLE I.—CONTINUED.

Counties and asylums.	Sex.	Color.				Conjugal condition.				Mental condition previous to insanity.				Health.				Habits previous to insanity.				How supported.											
		Number.				White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Unknown.	Good.	Bad.	Average.	Unknown.	By themselves or friends.	By the public.	In part.	By the public.		
		Males.	Females.																														
Lapeer.....	{ Males..... Females.....	1					1						1						1		1				1								
Leelanau.....	{ Males..... Females.....	1					1					1					1				1				1								
Lenawee.....	{ Males..... Females.....	8 10	3 10								2 2	1 5	3				4	1	2		2 6	7 3	1		2 6		2		4	1			
Livingston.....	{ Males..... Females.....	3 2	3 5								1 2	1 3					3		2		3 3	1 5	2		3 3		1		1				
Macomb.....	{ Males..... Females.....	5 15	5 15								3 6	2 5	4				2	1	2		4 11	4 11	1 3		4 11		2		2	1			
Manistee.....	{ Males..... Females.....	3	3								2	1					2	1			2				2		1						
Midland.....	{ Males..... Females.....	1	1									1					1				1				1								
Monroe.....	{ Males..... Females.....	1 1	1 1								1			1							1				1								
Montcalm.....	{ Males..... Females.....	2 3	3 3					2			1 1	1 1		1			1	1		2 1	2 1	1		2 1		2							
Muskegon.....	{ Males..... Females.....	2 2	2 2								2 2						1	1		2 1	2 1	2		2 1		1		1					
Oakland.....	{ Males..... Females.....	2 6	2 6								1 3	1 2	1				1	1		2 5	3 5	1		2 5		1		1					
Oceana.....	{ Males..... Females.....	1 1	1 1								1	1					1	1		1 1	1 1	1		1 1		1							
Ontonagon.....	{ Males..... Females.....	1	1									1					1				1				1								
Oscoda.....	{ Males..... Females.....	1	1								1						1				1				1								

[illegible]

STATISTICAL INFORMATION

TABLE II.

Showing, for the State and counties, by sex, the number of deaf and dumb persons in Michigan, their color, conjugal and mental condition, health, habits, and how they are supported, for the year 1893.

State, counties and institutions.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.				Health.				Habits.				How supported.								
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Good.	Poor.	Average.	Unknown.	Good.	Bad.	Average.	Uninformed.	Unknown.	By themselves or friends.	By the public in part.	By the public.	Unknown.			
State	Totals { Males Females	711 333 378	700 315 385	2 2 4	1 2 3	6 336 259	535 110 425	110 50 60	8 1 9	1 1 2	7 343 282	16 38 54	44 23 67	16 10 26	44 23 67	645 247 892	35 14 49	23 15 38	23 11 34	8 7 15	631 345 286	11 6 17	14 11 25	7 6 13	38 15 53	436 237 199	60 36 24	183 92 91	37 18 19		
Allegan	{ Males Females	5 4	4 4		1		4 3	1 1				5 3				5 4					4 4		1 1			4 3			1 1		
Alpena	{ Males Females	1 1	1 1				1 1					1 1				1 1					1 1					1 1					
Antrim	{ Males Females	3 3	3 3			2 1	2 1					3 3				3 3					3 3					3 2					
Arenac	{ Males Females	1 1	1 1				1 1					1 1				1 1					1 1					1 1					
Barry	{ Males Females	6 3	6 3			5 2	5 2					6 3				5 3		1 1			6 3					6 2					
Bay	{ Males Females	16 7	15 7			1 5	15 5				13 7	3 7				15 7				1 1	14 7	1 1			14 7	14 7	14 7	14 7	1 1	1 1	
Benzie	{ Males Females	3 3	3 3			2 1	2 1				2 1	2 1				3 3					3 3					3 2					
Berrien	{ Males Females	8 9	8 9	2 3		6 3	6 3				6 7	1 1	2 1			6 8		2 1			7 8					6 4					
Branch	{ Males Females	4 4	4 4			4 3	4 3				4 3	1 1				4 3					4 4					4 3					
Calhoun	{ Males Females	3 3	3 3			3 3	3 3				2 1	2 1				3 3					3 3					3 3					
Cass	{ Males Females	2 3	2 3			2 3	2 3				1 3	1 3				1 3					2 3					1 3					

[illegible]

STATISTICAL INFORMATION

TABLE II.—CONTINUED.

Counties and institutions.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.			Health.			Habits.				How supported.					
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Bad.	Average.	Uninformed.	Unknown.	By themselves or friends.	By the public in part.	By the public.		
Kalkaska	{ Males	1	1					1				1				1						1				
	{ Females																									
	{ Males	10	8			2	7	1			2	7	1	1	2	7	1	1	1	2	8	5	1	1	3	
	{ Females	3	3				1	2				2		1		2		1			3	3				
	{ Males	1	1				1					1				1					1					
	{ Females																									
	{ Males	1	1				1					1				1										
	{ Females	1	1				1					1				1										
	{ Males	1	1				1					1				1										
	{ Females	1	1				1					1				1										
	{ Males	5	5				4	1				5		2		5		1				1	1	1	1	
	{ Females	2	2																							
Leelanau	{ Males	1	1				1				1		1		1		1					1				
	{ Females	1	1				1				1		1		1		1					1				
Lapeer	{ Males	5	5				4	1			5		5		5		5		1			1	1	1	1	
	{ Females	2	2																							
Lenawee	{ Males	5	5				4	4			5		5		5		5		1			1	1	1	1	
	{ Females	6	6																							
Livingston	{ Males	2	2				2	1			2		2		2		2		1			1	1	1	1	
	{ Females	2	2																							
Mackinac	{ Males	3	3					3			3		3		3		3					2	1	1	1	
	{ Females																									
Macomb	{ Males	9	9				9	9			9		9		9		9		1			9	3	1	2	
	{ Females	8	8																			3	1			
Manistee	{ Males	3	3					3			3		3		3		3					2	1			
	{ Females																									
Marquette	{ Males	3	3					3			3		3		3		3					3	1			
	{ Females	3	3																							
Mecosta	{ Males	2	2					2			2		2		2		2					1				
	{ Females	3	3																							

[illegible]

STATISTICAL INFORMATION

TABLE II.—CONCLUDED.

Counties, and institutions.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.				Health.				Habits.				How supported.									
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Unknown.	Good.	Bad.	Average.	Uninformed.	Unknown.	By themselves or friends.	By the public in part.	By the public.	Unknown.			
Shiawassee	{ Males Females	2 4					1 3	1 1				2 2	2 2	1 1			2 2	1 1	1 1			1 4			1 2							
St. Clair	{ Males Females	13 5					12 4	1 1				10 4	1 1	1 1	2 4		11 5	2 4	2 4			11 4			1 1		11 4	2 4				
St. Joseph	{ Males Females	5 7					4 6	1 1				4 6			4 1		4 7	1 1	1 1			5 9			1 1		4 4	4 2				
Tuscola	{ Males Females	4 3					3 2	1 1				2 2	1 1	1 1	2 2		2 3	2 2	2 2			4 2			4 1		2 2	2 2				
Van Buren	{ Males Females	4 4					4 3					2 4	1 1	1 1	4 4		4 4		4 4			2 4			2 1		2 2	2 2				
Washtenaw	{ Males Females	5 6					5 6					5 5		1 1	5 6		5 6		5 6			5 4			4 4		4 6	4 4				
Wayne	{ Males Females	18 7					14 5	3 1				16 1	1 1	1 1	16 7		16 7	1 1	1 1			16 7			1 1		11 5	5 1				
Wexford	{ Males Females	2 2					2 2					2 2			2 2		2 2		2 2			2 1					2 2	2 2				
School for the Deaf	{ Males Females	75 84					75 84					75 84			75 84		75 84		75 84			75 84					75 84	75 84				
German Deaf and Dumb Asylum	{ Males Females	19 21					19 21					19 20	1 1		19 21		19 21		19 21			19 21					19 21	19 21				

TABLE III.

Showing, for the State and counties, by sex, the number of blind persons in Michigan, their color, conjugal and mental condition, health, habits, and how they are supported, for the year 1893.

State, counties and school.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.			Health.			Habits.				How supported.											
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Uninformed.	Unknown.	By themselves	By the public	By the public.								
State	Totals	523	502	3	1	8	9	202	213	97	5	6	436	4	70	13	363	93	57	11	29	485	12	13	1	29	356	62	79	36		
	Males	318	303	2	1	4	6	125	149	37	3	4	269	2	37	10	238	43	31	6	18	231	10	8	1	18	212	37	53	17		
	Females	205	196	1	1	4	3	77	64	60	2	2	167	2	33	3	124	50	26	5	11	157	2	5		11	144	25	27	9		
Allegan	Males	4	4						3			1	4				1		3			3					1	3		1	1	
	Females	7	7					2	4	1			7				3	2	2			7										
								1					1	1			1					1						1				
Antrim	Males	1	1					1					1									1						1				
	Females	1	1						1				1									1										
													6			2	6	1		1		6		1			1	7	1	1		
Barry	Males	8	8					4	3	1			3				2	1				3						2				
	Females	3	3						2	1	1		3				2	1				3					2					
								1	1				2				1		2			3					2					
Bay	Males	2	2					1	1				4				1					5						3			1	
	Females	5	5					1	3			1	4				3		2			5					3					
									1				1									1						1				
Benzie	Males	1	1						1				1									1						1				
	Females																															
								1	4	2			7				5	1	1			7										
Berrien	Males	7	7					1	4				7				6	1				6						6			2	
	Females	8	8					2	3	3			7				6	1				6						6				
													12				9	3	1			12						9	2	1	2	
Branch	Males	12	12					3	5	3	1		12				3	2	1			6						3				
	Females	6	6					1	4	1			3				3	2				6						3				
													10				8	1	1			10						5	1	4		
Calhoun	Males	10	10					3	3	4			10				3	3	1			7						6				
	Females	7	7					2	3	2			7				3					7						1				
Cass	Males	5	4	1				1	1	3			4				2	3	1			3						1				
	Females																															
Charlevoix	Males	6	6					1	4	1			6				6	1				5						6				
	Females	1	1										1									1										

STATISTICAL INFORMATION

TABLE III.—CONTINUED.

Counties and schools.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.			Health.			Habits.				How supported.									
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Unknown.	Good.	Bad.	Average.	Uninformed.	Unknown.	By themselves or friends.	By the public in part.	By the public.	Unknown.	
Cheboygan	{ Males.....	1	1				1							1					1							1				
	{ Females.....																													
Chippewa	{ Males.....						1					1				1										1				
	{ Females.....	1																												
Clare	{ Males.....	1	1				1					1				1										1				
	{ Females.....																													
Clinton	{ Males.....	3	3				1			1						2	1	2								1	2	1		
	{ Females.....	3																												
Dickinson	{ Males.....	1	1							1			1			1														
	{ Females.....																													
Eaton	{ Males.....	10	9				1	4	6	2		9	4	1	1	9	6	2								4	2	1		
	{ Females.....	6	5				1	2																						
Emmet	{ Males.....	1	1							1		1				1										1				
	{ Females.....																													
Genesee	{ Males.....	9	9				3	5	1			9	2			7	2	2								2		1		
	{ Females.....	2	2				1	1																						
G'd Traverse	{ Males.....	2	2				2					2				2										1				
	{ Females.....	1	1							1																				
Gratiot	{ Males.....	9	9				4	3	2			6	2	2		7	1	1								2	2	2	1	
	{ Females.....	2	2																											
Hillsdale	{ Males.....	4	4									4	4			4										2		1		
	{ Females.....	5	5				1	2	2			4	4			3	1	1								4		1		
Houghton	{ Males.....	16	16				4	11	1			16				15	1									18	2			
	{ Females.....																													
Huron	{ Males.....	4	4				2	2	2			3				2	1	1									2	2	2	
	{ Females.....	5	5																											

STATISTICAL INFORMATION

TABLE III.—CONCLUDED.

Counties and school.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.				Health.			Habits.				How supported.								
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Unknown.	Good.	Bad.	Average.	Uninformed.	Unknown.	By themselves or friends.	By the public in part.	By the public.		
Menominee.	{ Males..... Females.....	2	2					1	1			2				1	1				1	1				1			Unknown.	
Midland.	{ Males..... Females.....	4	4						3	1		3	1			3	1				3			1			2	1	1	
Monroe.	{ Males..... Females.....	7	7					2	3	1		6	2			5	1			1	5	1			1	5	2	1	1	
Montcalm.	{ Males..... Females.....	3	2				1	1	2	2		3	1			3	1				2	4			1	2	2	2	1	
Muskegon.	{ Males..... Females.....	7	7					1	4	2		7	1			5	1			1	5	1			1	5	2	1	1	
Newaygo.	{ Males..... Females.....	1	1							1		1				1					1									
Oakland.	{ Males..... Females.....	11	11					4	6	1		7	1	2		6	4	1		4	9	2			1	5	1	3	2	
Oceana.	{ Males..... Females.....	4	4					3	1			3	2			3	1				3	1			1	1	1	2		
Ogemaw.	{ Males..... Females.....	2	2					2		1		2				1		1			2					1				1
Ontonagon.	{ Males..... Females.....	1	1					1				1				1		1			1						1			
Oscoda.	{ Males..... Females.....	2	2						2	1		2				2	1				2					2				
Oscoda.	{ Males..... Females.....	1	1						1			1				1		1			1					1				
Ottawa.	{ Males..... Females.....	9	9					5	4			6	1			8	1				8					7	1	1	1	

[illegible]

TABLE IV.

Showing, for the State, by totals and by sex, the number of insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan, their color, conjugal and mental condition, health, habits, and how they are supported, for the year 1893.

Classes.	Sex.	Number.	Color.				Conjugal condition.				Mental condition.				Health.			Habits.			How supported.									
			White.	Black.	Mulatto.	Indian.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.	Intelligent.	Idiotic.	Average.	Unknown.	Good.	Poor.	Average.	Bad.	Average.	Unformed.	Unknown.	By themselves or friends.	In part.	By the public.	Unknown.			
Insane	(Totals	2,644	3,592	29	17	3	3	1,577	1,377	290	75	235	1,036	68	266	2,299	1,697	424	774	749	813	469	31	..	2,331	475	27	3,074	68	
	Males	1,381	1,306	13	7	2	3	1,014	520	98	24	165	452	24	113	1,242	753	171	271	636	244	323	12	..	1,252	171	5	1,621	34	
	Females	1,318	1,786	16	10	1	..	563	857	233	41	120	574	39	143	1,057	944	253	503	113	569	146	19	..	1,079	304	22	1,453	34	
Deaf and dumb.	(Totals	711	700	2	1	2	6	536	110	8	1	7	635	16	44	16	645	35	23	8	651	11	14	7	..	28	426	60	158	37
	Males	333	375	2	..	2	4	326	50	1	1	5	343	8	22	10	347	14	15	7	345	6	11	6	..	15	237	36	92	13
	Females	338	325	..	1	..	2	259	60	7	..	2	292	8	22	6	298	21	8	1	306	5	3	1	..	13	189	24	96	19
Blind	(Totals	523	502	3	1	8	9	202	213	97	5	6	436	4	70	13	362	93	57	11	468	12	13	1	..	29	356	62	79	23
	Males	318	306	2	..	4	6	125	149	37	3	4	299	2	37	10	238	43	31	6	231	10	8	1	..	18	212	37	52	17
	Females	205	196	1	1	4	3	77	64	60	2	2	167	2	33	3	124	50	26	5	157	2	5	..	..	11	144	25	27	9
Idiotic.	(Totals	695	681	6	2	1	5	664	10	8	..	13	30	571	76	18	510	100	58	27	412	92	59	17	..	115	343	55	278	19
	Males	408	399	5	1	1	3	396	4	..	..	8	16	330	46	16	297	59	30	22	221	63	37	11	..	76	198	33	164	13
	Females	287	282	1	1	1	2	268	6	8	..	5	14	241	30	2	213	41	28	5	191	29	22	6	..	39	145	22	114	6
Epileptic	(Totals	468	464	1	..	1	2	337	98	30	5	13	127	104	121	116	257	96	58	57	270	18	20	4	..	156	240	32	182	14
	Males	280	276	1	..	1	2	197	60	10	1	12	83	50	63	85	143	55	28	54	153	9	13	3	..	102	137	21	111	11
	Females	188	188	..	..	..	..	140	33	10	4	1	45	54	58	31	114	41	30	3	117	9	7	1	..	54	103	11	71	3
Partially deaf and dumb	(Totals	138	136	..	1	2	13	123	15	..	..	..	136	1	1	1	135	3	..	..	137	1	..	..	..	24	1	112	1	..
	Males	78	76	..	1	1	71	7	..	..	..	..	76	1	1	..	76	2	..	..	77	1	..	..	..	15	..	..	..	..
	Females	60	59	..	..	1	52	8	..	..	..	..	..	..	..	1	59	1	..	..	60	..	..	..	..	9	1	50	..	..
Dumb	(Totals	57	57	..	..	..	..	53	2	1	..	1	21	20	16	..	35	14	7	1	45	6	1	1	..	4	35	5	16	1
	Males	33	33	..	..	..	..	32	1	..	..	..	12	14	7	..	25	5	3	..	23	5	1	..	..	4	20	2	10	1
	Females	24	24	21	1	1	..	1	9	6	9	..	10	9	4	1	22	1	..	1	15	3	6	..
Partially blind	(Totals	74	71	2	1	..	46	20	6	..	..	2	51	1	20	2	53	11	9	1	71	..	..	..	..	8	48	3	21	2
	Males	51	50	1	..	..	31	13	5	..	..	2	34	1	15	1	36	7	7	1	48	..	..	..	..	3	32	2	15	2
	Females	23	21	1	1	..	15	7	1	..	..	..	17	..	5	1	17	4	2	..	23	..	..	..	..	16	1	6	..	..

TABLE V.

Showing, by totals and by sex, the ages of the insane, deaf and dumb, blind, idiotic epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan for the year 1893.

Classes.	Sex.	Total number.	Age in years and periods of years.															Unknown.
			—½.	½ to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.	
Insane.....	Totals.....	3,644	—	—	—	—	—	—	2	5	46	464	875	882	654	401	191	124
	Males.....	1,831	—	—	—	—	—	—	1	3	19	296	465	425	296	177	94	71
	Females.....	1,813	—	—	—	—	—	—	1	2	27	168	410	457	358	224	97	53
Deaf and dumb.....	Totals.....	711	—	1	—	—	3	2	43	134	117	172	87	73	87	20	13	10
	Males.....	383	—	—	1	—	2	1	21	78	55	96	46	44	16	13	4	6
	Females.....	328	—	—	—	—	1	1	21	56	62	76	41	29	21	7	9	4
Blind.....	Totals.....	523	—	—	—	—	4	1	8	21	27	36	41	57	92	96	133	8
	Males.....	313	—	—	—	—	3	1	4	12	15	23	27	36	62	59	89	7
	Females.....	206	—	—	—	—	1	—	4	9	12	13	14	21	30	36	64	1
Idiotic.....	Totals.....	695	—	1	—	—	—	1	27	58	89	186	127	84	57	36	13	16
	Males.....	408	—	—	1	—	—	1	18	37	57	109	70	48	30	24	8	5
	Females.....	287	—	—	—	—	—	—	9	21	32	77	57	36	27	12	5	11
Epileptic.....	Totals.....	468	—	—	—	—	—	2	14	26	53	111	108	72	41	22	8	12
	Males.....	280	—	—	—	—	—	2	9	17	27	64	64	45	22	12	5	12
	Females.....	188	—	—	—	—	—	—	5	9	26	47	44	27	18	10	3	—
Partially deaf and dumb.....	Totals.....	128	—	—	—	—	—	—	4	56	43	21	6	2	3	2	1	—
	Males.....	78	—	—	—	—	—	—	2	30	26	11	4	1	2	2	—	—
	Females.....	60	—	—	—	—	—	—	2	26	17	10	2	1	1	—	1	—
Dumb.....	Totals.....	57	—	—	—	—	—	1	8	9	4	18	3	5	4	1	1	3
	Males.....	33	—	—	—	—	—	1	5	4	2	12	3	2	1	1	—	2
	Females.....	24	—	—	—	—	—	—	3	5	2	6	—	3	3	—	1	1
Partially blind.....	Totals.....	74	—	—	—	—	—	—	2	12	12	12	7	3	5	8	12	1
	Males.....	51	—	—	—	—	—	—	2	6	10	6	5	2	2	5	11	1
	Females.....	23	—	—	—	—	—	—	—	6	2	6	2	1	2	3	1	—

TABLE VI.

Showing, by totals and by sex, the time in years and periods of years, the insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan have been so afflicted, for the year 1893.

Classes.	Sex.	Total number.	Time afflicted in years and periods of years.																Unknown.	During life.
			— $\frac{1}{4}$.	$\frac{1}{4}$ to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 and over.			
Insane.....	Totals.....	3,644	60	84	153	136	171	160	636	507	364	360	129	34	7	6	1	336	35	
	Males.....	1,931	31	38	79	83	88	96	315	230	153	145	53	13	4	2	1	492	17	
	Females.....	1,513	29	46	74	54	83	64	321	277	212	215	71	16	3	4	..	344	18	
Deaf and dumb.....	Totals.....	711	2	8	13	8	13	4	73	108	94	143	62	62	30	11	12	69	249	
	Males.....	363	1	5	8	5	5	1	41	68	44	80	36	35	17	7	6	30	120	
	Females.....	328	1	3	4	3	8	3	32	40	50	63	26	27	13	4	6	39	110	
Blind.....	Totals.....	523	1	3	12	21	21	35	88	68	90	41	23	15	10	..	..	45	51
	Males.....	313	..	1	6	11	16	51	49	40	64	26	12	8	2	..	..	31	24
	Females.....	208	..	2	6	10	5	34	39	28	26	15	11	7	8	..	..	14	27
Idiotic.....	Totals.....	695	..	..	1	3	1	1	34	65	82	148	89	54	37	34	4	152	267
	Males.....	406	..	..	1	1	..	1	18	39	50	87	50	31	21	13	2	89	219
	Females.....	287	..	..	..	2	1	..	16	26	32	61	39	23	16	6	2	63	148
Epileptic.....	Totals.....	463	1	1	2	5	5	11	55	81	62	108	45	16	8	2	..	66	69	
	Males.....	260	1	1	2	3	1	8	37	50	31	68	24	7	5	1	..	39	39	
	Females.....	183	..	..	..	..	4	3	18	31	31	40	21	9	3	1	..	27	30
Partially deaf and dumb.....	Totals.....	123	..	..	..	..	..	1	30	51	30	14	1	4	2	1	..	14	2
	Males.....	78	..	..	..	..	..	1	12	30	18	6	1	2	1	..	..	6	1
	Females.....	60	..	..	..	..	..	..	8	21	12	8	..	1	1	1	..	8	1
Dumb.....	Totals.....	57	..	..	1	..	1	1	9	9	2	15	2	4	3	1	..	3	39
	Males.....	33	..	..	1	..	1	1	5	4	2	8	2	2	..	1	..	6	15
	Females.....	24	..	..	..	..	..	..	4	5	1	7	..	2	2	..	..	2	15
Partially blind.....	Totals.....	74	..	..	2	..	3	..	11	16	17	8	10	..	2	..	..	5	11
	Males.....	51	..	..	1	..	3	..	6	7	12	7	8	..	1	..	..	5	10
	Females.....	23	..	..	1	..	..	..	5	9	4	1	2	..	1	..	..	..	1

TABLE VII.

Showing, by totals and by sex, the number of insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan who have received medical treatment, and the time in years such treatment has continued, for the year 1893.

Classes.	Sex.	Total number.	Number treated.	Time of treatment in years.														No. never treated.	Not reported.
				—½.	½ to 1.	1 to 1½.	1½ to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.	9 to 10.	10 and over.	Unknown.		
Insane	Totals	2,644	2,439	220	183	150	104	227	174	166	144	140	222	68	59	547	40	106	1099
	Males	1,331	1,207	117	104	80	52	114	72	96	68	72	123	25	33	240	11	46	578
	Females	1,313	1,232	103	79	70	52	113	102	70	81	68	94	38	26	307	29	60	521
Deaf and dumb.	Totals	711	211	22	20	25	2	25	21	4	12	5	8	2	1	8	46	198	302
	Males	383	117	20	11	14	2	10	12	3	8	2	5	2	1	4	22	117	149
	Females	328	94	12	9	11	—	15	9	1	4	3	3	—	—	4	22	81	153
Blind	Totals	532	390	60	21	34	9	45	18	11	21	8	3	3	1	25	61	114	79
	Males	318	213	28	15	22	6	27	12	5	12	4	3	1	1	26	40	58	47
	Females	205	117	22	6	12	3	18	5	6	9	4	—	2	—	9	21	56	32
Idiotic	Totals	695	256	13	12	15	3	19	15	12	4	10	6	6	5	60	76	302	137
	Males	406	152	10	8	7	2	12	10	7	4	3	5	4	4	30	46	183	74
	Females	287	104	3	4	8	1	7	5	5	—	7	1	2	1	30	30	120	63
Epileptic	Totals	463	276	10	8	10	—	24	7	16	19	9	9	9	4	119	32	87	105
	Males	280	163	7	5	7	—	19	6	10	10	6	5	7	4	66	11	45	72
	Females	183	113	3	3	3	—	5	1	6	9	3	4	2	—	53	21	42	33
Partially deaf and dumb	Totals	138	15	2	2	2	—	2	—	1	1	—	—	—	1	—	2	5	118
	Males	78	10	1	2	1	—	—	—	—	—	—	—	—	—	1	—	3	65
	Females	60	5	1	—	1	—	2	—	1	—	—	—	—	—	2	—	2	53
Dumb	Totals	57	17	2	1	2	—	2	1	—	1	1	2	—	—	2	2	24	16
	Males	32	11	1	1	2	—	2	—	—	1	—	2	—	—	2	2	13	9
	Females	24	6	1	—	—	—	—	1	—	—	1	—	—	—	2	1	11	7
Partially blind.	Totals	74	43	5	3	3	—	4	4	—	1	—	—	—	—	3	30	20	11
	Males	51	30	2	2	1	—	2	4	—	—	—	—	—	—	3	15	13	8
	Females	23	13	3	—	2	—	2	—	—	1	—	—	—	—	5	7	7	3

TABLE VIII.

Showing, for the State, the total number and the number of each sex of the insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan; the total number of each class who have been inmates of institutions for their care or education, and the length of time they have been inmates; number who have never been inmates of any institution, and the number of whom it is not reported whether they have been inmates of any institution, for the year 1893.

Classes.	Sex.	Total number.	Total No. who have been inmates of public institutions.	Time in years, inmates of public institutions.											Unknown.	No. who have never been inmates of any institution.	Not reported.		
				—½.	½ to 1.	1 to 1½.	1½ to 2.	2 to 3.	3 to 4.	4 to 5.	5 to 6.	6 to 7.	7 to 8.	8 to 9.				9 to 10.	10 and over.
Insane	Totals	3,614	3,336	104	87	68	50	108	89	80	65	70	116	80	23	317	2,134	109	199
	Males	1,831	1,736	58	48	29	23	41	34	48	32	35	54	11	10	145	1,167	73	62
	Females	1,813	1,600	46	39	39	27	67	55	32	28	34	62	19	13	172	967	36	137
Deaf and dumb	Totals	711	459	6	2	20	2	36	36	37	33	41	59	63	26	25	65	162	90
	Males	363	234	3	1	7	1	18	20	22	22	16	30	35	14	14	31	95	54
	Females	328	225	3	1	13	1	18	16	15	16	25	29	31	12	11	34	67	36
Blind	Totals	523	152	17	10	12	7	17	6	6	12	7	8	19	5	17	5	253	118
	Males	318	99	12	9	10	6	10	4	5	6	5	3	10	2	18	4	160	59
	Females	205	53	5	1	2	1	7	2	1	6	2	5	9	3	4	1	93	59
Idiotic	Totals	665	238	13	9	10	4	12	7	6	5	3	7	9	7	72	74	321	185
	Males	406	151	8	6	6	4	8	4	5	4	1	4	8	5	43	45	185	72
	Females	287	87	5	3	4	...	4	3	1	1	2	3	1	2	29	29	136	64
Epileptic	Totals	466	173	10	8	6	2	19	3	10	10	3	4	...	2	36	60	206	90
	Males	280	113	8	5	3	1	15	2	4	3	3	4	...	2	23	40	111	56
	Females	188	60	2	3	3	1	4	1	6	7	...	...	...	...	13	20	94	34
Partially deaf and dumb	Totals	128	119	3	1	14	...	17	15	12	8	18	12	10	3	3	...	14	5
	Males	78	64	1	...	9	...	10	8	8	8	8	5	6	2	1	...	11	3
	Females	60	55	2	1	7	...	7	10	4	...	10	7	4	1	2	...	3	2
Dumb	Totals	57	16	...	3	1	...	1	...	...	...	1	2	3	...	5	...	31	10
	Males	33	11	...	2	1	...	...	...	...	...	1	2	2	...	3	...	19	3
	Females	24	5	...	1	...	...	1	...	...	...	...	...	1	...	2	...	12	7
Partially blind	Totals	74	40	4	1	7	1	8	6	5	3	...	...	2	1	2	...	21	13
	Males	51	27	2	1	5	...	6	4	2	3	...	...	1	1	2	...	14	10
	Females	23	13	2	...	2	1	2	2	3	...	...	...	1	...	...	...	7	3

TABLE IX.

Showing, for the State, by totals and by sex, the nativity and parent-nativity of the insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan in 1893.

Classes.	Sex.	Total number.	Nativity of persons afflicted.			Nativity of parents of persons afflicted.									
			Native.	Foreign.	Unknown.	Native.	Foreign.	Foreign father and native mother.	Foreign mother and native father.	Mother unknown.		Father unknown.		Both unknown.	
										Father.		Mother.			
										Native.	Foreign.	Native.	Foreign.		
Insane	Totals ...	3,644	1,794	1,408	447	227	551	30	15	3	---	5	2	2,811	
	Males	1,881	860	729	242	100	253	16	9	1	---	4	2	1,446	
	Females ..	1,813	984	674	205	127	298	14	6	2	---	1	---	1,365	
Deaf and dumb ..	Totals ...	711	534	140	37	243	281	47	23	4	6	4	1	102	
	Males	353	257	75	21	131	154	26	12	3	2	2	---	53	
	Females ..	328	247	65	16	112	127	21	11	1	4	2	1	49	
Blind	Totals ...	523	338	149	36	179	176	22	17	5	2	6	2	114	
	Males	318	202	96	20	109	115	11	11	2	1	4	1	64	
	Females ..	206	136	53	16	70	61	11	6	3	1	2	1	50	
Idiotic	Totals ...	698	471	91	138	176	155	30	18	1	2	2	---	311	
	Males	408	273	59	76	89	103	18	7	---	2	2	---	187	
	Females ..	287	198	32	57	87	52	12	11	1	---	---	---	124	
Epileptic	Totals ...	468	336	84	48	143	89	14	4	4	---	3	1	210	
	Males	280	195	55	30	83	48	10	2	1	---	2	1	133	
	Females ..	188	141	29	18	60	41	4	2	3	---	1	---	77	
Partially deaf and dumb	Totals ...	138	118	18	2	61	42	18	8	1	---	1	---	7	
	Males	78	67	11	---	36	26	9	5	1	---	---	---	1	
	Females ..	60	51	7	2	25	16	9	3	---	---	1	---	6	
Dumb	Totals ...	57	45	6	6	9	24	3	1	---	1	---	---	19	
	Males	33	27	2	4	4	13	2	1	---	1	---	---	12	
	Females ..	24	18	4	2	5	11	1	---	---	---	---	---	7	
Partially blind ..	Totals ...	74	50	21	3	27	31	3	3	---	---	2	---	8	
	Males	51	33	16	2	17	22	3	3	---	---	2	---	4	
	Females ..	23	17	5	1	10	9	---	---	---	---	---	---	4	

TABLE X.

Showing the estates and incomes of the insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan, in the year 1893.

Classes.	Sex.	Total number.	Total number who have estates.		Value of estates.					No estates.	Estates not reported.	Total number who have incomes.		Value of incomes.					No incomes.	Incomes not reported.
			Under \$500.	\$500 to \$1,000.	\$1,000 to \$2,000.	\$2,000 to \$5,000.	\$5,000 and over.	Unknown.	Under \$100.			\$100 to \$500.	\$500 to \$1,000.	\$1,000 and over.	Unknown.					
Insane.....	Totals.....	3,644	62	8	7	13	23	9	2	154	3,428	42	5	11	9	3	3	11	143	3,450
	Males.....	1,831	26	2	3	5	9	6	1	52	1,753	21	3	4	5	3	1	5	46	1,764
	Females.....	1,813	36	6	4	8	14	3	1	102	1,675	21	2	7	4	2	2	6	97	1,685
Deaf and dumb.....	Totals.....	711	35	19	18	21	16	5	6	402	224	79	9	9	20	6	7	28	354	278
	Males.....	363	63	16	12	15	11	5	4	204	116	53	2	4	20	5	6	16	173	152
	Females.....	328	22	3	6	6	5	2	2	198	108	26	7	5	1	1	12	176	126	
Blind.....	Totals.....	523	178	27	29	47	49	18	8	126	219	136	12	28	32	25	7	32	143	244
	Males.....	318	120	21	21	18	34	12	4	78	125	86	5	13	27	22	3	18	57	143
	Females.....	205	58	6	8	19	15	6	4	53	94	48	7	15	5	3	4	14	56	101
Idiotic.....	Totals.....	695	62	4	5	11	6	4	33	304	329	47	3	4	3	1	1	35	292	356
	Males.....	408	38	3	3	4	5	3	20	185	185	25	1	2	2	1	1	19	175	208
	Females.....	287	24	1	2	7	1	1	13	119	144	22	2	2	1	1	16	117	148	
Epileptic.....	Totals.....	468	41	7	11	10	9	1	3	165	262	31	4	3	13	3	8	146	291	291
	Males.....	250	31	4	9	8	6	1	3	88	166	22	2	2	1	10	3	6	76	182
	Females.....	188	10	3	2	2	3	2	2	82	96	9	2	2	3	3	2	70	109	109
Partially deaf and dumb.....	Totals.....	138	11	2	4	2	1	1	1	6	121	7	2	1	1	1	2	7	124	124
	Males.....	78	8	1	4	2	1	1	1	4	66	5	2	1	1	1	1	5	68	68
	Females.....	60	3	1	1	1	1	1	1	2	55	2	1	1	1	1	1	2	56	56
Dumb.....	Totals.....	57	5	1	1	1	1	1	1	24	28	3	1	1	1	1	1	27	23	23
	Males.....	33	3	1	1	1	1	1	1	13	17	1	1	1	1	1	1	15	17	17
	Females.....	24	2	1	1	1	1	1	1	11	11	1	1	1	1	1	1	12	11	11
Partially blind.....	Totals.....	74	20	2	3	4	8	1	2	12	42	10	3	4	1	1	3	13	51	51
	Males.....	51	16	2	3	3	6	1	1	8	27	8	2	3	1	1	3	10	33	33
	Females.....	23	4	1	1	1	2	1	1	4	15	2	1	1	1	1	1	3	18	18

TABLE XI.

Estates and incomes of relatives liable for the support of the insane, deaf and dumb, blind, idiotic, epileptic, partially deaf and dumb, dumb, and partially blind persons in Michigan, in the year 1893.

Classes.	Sex.	Total number.	No. whose relatives have estates.										No. who have relatives whose estates, if any, are not reported.	Total number whose relatives have incomes.	Value of incomes of relatives liable for support of such persons.										No. whose relatives have no incomes, if any are not reported.	No. who have no relatives liable for their support.	No. whose relatives liable for their support, if any, are not reported.
			Under \$500.	\$500 to \$1,000.	\$1,000 to \$2,000.	\$2,000 to \$5,000.	\$5,000 and over.	Unknown.	Under \$100.	\$100 to \$200.	\$200 to \$500.	\$500 to \$1,000.			\$1,000 and over.	Unknown.											
Insane	Totals	3,644	65	8	5	10	20	20	2	13	23	28	1	5	9	7	4	2	10	63	223	3,320					
	Males	1,831	10	1	1	2	5	1	3	6	6	1	1	1	2	1	3	10	99		1,713						
	Females	1,813	55	7	4	10	18	15	1	10	17	22	4	8	7	2	1	7	53	124	1,607						
Deaf and dumb	Totals	711	152	19	29	31	48	17	8	38	98	87	5	3	28	20	9	22	44	152	193	235					
	Males	383	89	15	15	18	27	9	5	14	46	49	1	2	16	12	6	12	18	82	124	110					
	Females	328	63	4	14	13	21	8	3	24	47	38	4	1	12	8	3	10	26	70	69	125					
Blind	Totals	523	104	15	12	21	36	14	6	33	70	55	2	6	15	16	6	10	41	111	257	59					
	Males	318	48	7	6	10	17	6	2	21	37	33	1	2	7	9	6	8	24	49	172	40					
	Females	205	56	8	6	11	19	8	4	12	33	22	1	4	8	7	2	17	62	85	19						
Idiotic	Totals	695	215	21	33	42	63	46	10	40	102	96	1	9	26	22	11	27	56	205	254	84					
	Males	408	124	12	20	27	33	25	7	26	59	57	6	19	11	4	17	38	114	149	50						
	Females	287	91	9	13	15	30	21	3	14	43	39	1	8	7	11	7	10	18	91	105	34					
Epileptic	Totals	468	134	16	26	29	42	15	6	18	64	57	1	8	23	9	12	9	24	135	235	17					
	Males	280	74	6	16	18	24	7	3	8	33	29	2	10	5	5	7	14	72	150	15						
	Females	188	60	10	10	11	18	8	3	10	31	28	1	1	13	4	7	2	10	63	85	2					
Partially deaf and dumb	Totals	188	12	2	1	6	3				1	3	1	1	1	1	2	8	12		118						
	Males	78	8	1	1	3	3					1	1	1			2	5	7		63						
	Females	60	4	1	3						1	2			1	1		3	5		50						
Dumb	Totals	57	22	2	5	8	5	2	3	4	9			5	1	1	2	5	15	27	1						
	Males	33	12	1	3	2	4	2	1	1	6			4	1	1	2	6	18		1						
	Females	24	10	1	2	6	1		2	3	3			1	1	1	1	3	9		9						
Partially blind	Totals	74	9	2	1	1	2	3	1	2	4	1	1	1			1	2	6	30	32						
	Males	51	5	1	1	1	1	2		2	2			1			1	1	4	23	21						
	Females	23	4	1	1		1	1	1		2	1	1				1	2	7		11						

TABLE XII.

Showing, for the insane persons in Michigan, the assigned causes of malady, and by sex, the number insane from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Previous attacks.....	51	47	Neuralgia.....	---	1
Heredity.....	69	80	Injury to head.....	14	4
Defective organisation.....	21	22	Injury.....	3	2
Congenital.....	16	10	La Grippe.....	4	7
Consanguinity.....	---	1	Spinal disease.....	---	2
Old age.....	27	21	Spinal meningitis.....	1	---
Victious habits.....	161	38	Apoplexy.....	6	---
Syphilis.....	23	4	Epilepsy.....	74	51
Masturbation.....	36	3	Fits.....	2	2
Sexual excesses.....	15	4	Pregnancy.....	---	4
Intemperance.....	106	21	Abortion.....	---	2
Opium habit.....	5	6	Puerperal.....	---	61
Intemperate use of tobacco.....	3	---	Child birth.....	---	12
Defective training.....	1	2	Prolonged lactation.....	---	4
Miserliness.....	1	---	Menstrual derangement.....	---	8
Religious excitement.....	13	25	Menopausis.....	---	24
Fright.....	3	7	Climacteric.....	---	12
Imprisonment.....	6	---	Pubescence.....	13	24
Overstudy.....	7	4	Uterine disease.....	---	3
Grief.....	6	19	Ovarian disease.....	---	4
Anxiety.....	8	17	Female weakness.....	---	4
Grief and anxiety.....	6	14	Despondency.....	4	1
Bereavement.....	---	16	Ague.....	1	2
Seduction.....	---	1	Typhoid fever.....	9	6
Disappointed affections.....	8	25	Scarlet fever.....	2	1
Loss of property.....	27	15	Measles.....	2	---
Domestic trouble.....	19	37	Erysipelas.....	1	---
Trouble.....	3	4	Catarrh.....	---	3
Desertion.....	---	3	Taking medicine.....	1	---
Isolated life.....	2	4	Loss of sight.....	1	1
Overwork.....	31	23	Cataract.....	---	1
Exposure.....	6	---	Gastralgia.....	1	---
Army life.....	5	---	Traumatism.....	7	3
Cruelty.....	2	7	A fall.....	2	1
Assault.....	---	1	Stroke.....	15	3
Deprivation.....	---	5	Kicked by horse.....	---	1
Paralysis.....	12	8	Shock.....	---	3
Nervous prostration.....	1	1	Surgical shock.....	---	1
Chorea.....	2	---	Excitement.....	2	3
Fever (not specified).....	4	4	Ungoverned temper.....	---	1
Sickness (not specified).....	48	145	Blood poisoning.....	---	1
Brain fever.....	1	3	Prosecution.....	2	1
Softening of brain.....	---	1	Fear of prosecution.....	---	---
Disease of brain.....	---	1	Unassigned.....	910	844
Totals.....	---	---		1,831	1,813

TABLE XIII.

Showing, for the deaf and dumb persons in Michigan, the assigned causes of malady and by sex, the number deaf and dumb from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital	113	90	Measles	7	9
Heredity	2	2	Fever (not specified)	11	4
Intermarriage	2	2	Sickness (not specified)	7	11
Teething	3	2	Whooping cough	7	6
From cold	2	5	Paralysis	2	1
Erysipelas	1	1	Apoplexy	1	1
Otorrhoea	2	2	Syphilis	1	1
Gathering in head	7	2	Summer complaint	1	1
Swelling on neck	1	1	Cholera	1	1
Inflammation in head	1	1	Dropsy	1	1
Brain fever	25	18	Hydrocephalus	1	1
Brain and spinal fever	1	1	Pneumonia	2	1
Brain and typhoid fever	1	1	Malarial fever	3	1
Affection of brain	10	12	Effects of calomel	1	1
Spinal meningitis	4	5	Morphine habit	2	1
Spinal disease	26	23	Scrofula	1	1
Spinal fever	1	1	Erysipelas	1	1
Nervous fever	6	8	Canker	4	4
Fits	2	2	From a fall	1	1
Croup	2	1	Falling into water	1	1
Diphtheria	1	2	Stroke on head	1	1
Mumps	1	1	Stroke of lightning	1	1
Quinsy	20	13	Sunstroke	2	2
Typhoid fever	43	54	Accident	52	37
Scarlet fever			Unassigned		
Totals				338	328

TABLE XIV.

Showing, for the blind persons in Michigan, the assigned causes of malady, and by sex, the number blind from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital	21	18	Diphtheria	1	1
Heredity	1	1	La Grippe	1	2
Old age	9	8	Small-pox	5	1
Filthy habits	1	1	Hydrocephalus	1	1
Intemperance	4	1	Erythema	1	1
Syphilis	2	1	Change of life	1	1
Cataract	35	18	Child birth	4	4
Disease of optic nerve	7	2	Overwork	4	5
Paralysis	2	1	Congestion of lungs	1	1
Inflammation	48	24	Bursting of blood vessel	1	1
Amaurosis	2	2	Teething	1	1
Ceratitis	1	1	Diabetes	1	1
Myopia	1	1	Heat	2	2
Glaucoma	1	5	Fire	2	2
Brain fever	2	6	Accidents	27	4
Spinal fever	1	2	Explosion	8	1
Spinal meningitis	1	2	Blasting	20	1
Neuralgia	1	9	Concussion	1	1
Rheumatism	1	1	Discharge of cannon	1	1
Sunstroke	4	1	Injury	5	1
Catarrh	1	1	Army life	11	1
Catarrh and salt rheum	1	1	Overstudy	1	1
Catarrh and fire	1	1	Nervous prostration	2	2
Cold	2	5	Poisoned	2	1
Chicken pox	1	1	Whooping cough	1	1
Scarlet fever	5	7	Malpractice	1	1
Measles	4	5	Gun shot	6	1
Vaccination	2	2	Film	2	1
Typhoid fever	1	2	Snake bite	1	1
Fever (not specified)	1	1	Neglect	1	1
Sickness (not specified)	7	3	Eyes always weak	1	1
Erysipelas	1	8	Heavy lifting	1	1
Scrofula	1	7	Operation	1	1
Epilepsy	1	1	Unassigned	47	23
Totals	318	205			

TABLE XV.

Showing, for the idiotic persons in Michigan, the assigned causes of idiocy, and by sex, the number idiotic from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital.....	169	117	Injury to head.....	5	1
Consanguinity of parents.....	1	1	Chronic diarrhea.....	1	1
Defective organization.....	7	1	Dysentery.....	1	1
Arrested development.....	3	1	Bowel trouble.....	1	1
Heredity.....	2	3	Calomel.....	1	1
Teething.....	1	1	Nervousness.....	1	1
Masturbation.....	3	2	Menopausis.....	1	1
Vicious habits.....	1	1	Change of life.....	1	1
Inflammation.....	1	1	Syphilis.....	1	1
Paralysis.....	4	2	Whooping cough.....	1	1
Fright.....	2	1	Diphtheria.....	1	1
Overstudy.....	1	1	Trouble.....	1	1
Spinal disease.....	2	2	A fall.....	7	3
Spinal fever.....	2	1	Injury in mill.....	1	1
Spinal meningitis.....	1	1	Smoke and fire.....	2	2
Epilepsy.....	11	12	Abuse.....	2	2
Fits.....	10	9	Exposure in army.....	1	1
Fever (not specified).....	4	4	Malpractice.....	3	1
Sickness (not specified).....	9	9	Religious excitement.....	1	1
Scarlet fever.....	6	7	Sleeping with aged people.....	1	1
Small pox.....	1	1	Sunstroke.....	1	1
Typhoid fever.....	2	1	Stroke of lightning.....	1	1
Brain fever.....	5	4	Unassigned.....	180	95
Totals.....	406	287			

TABLE XVI.

Showing, for the epileptic persons in Michigan, the assigned causes of epilepsy, and by sex, the number epileptic from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital	24	15	Bleeding	---	1
Heredity	3	4	Miscarriage	---	1
Defective organization	1	---	Change of life	---	1
Teething	---	2	Inflammation of lungs	1	---
Old age	1	---	Cholera infantum	---	1
Child birth	---	2	Army life	6	---
Masturbation	1	---	Overwork	2	2
Intemperance	1	1	A fall	8	3
Paralysis	6	2	Injury	---	2
Sunstroke	2	1	Injury to head	2	---
Fright	4	4	Injured when a child	---	1
Brain fever	2	1	Bite of dog	1	---
Typhoid fever	1	---	Kicked by horse	1	1
Scarlet fever	5	1	Abuse	1	---
Erasche	1	---	Stroke of lightning	1	---
Apoplexy	1	---	Nervous prostration	1	---
Spinal fever	1	2	Hysteria	---	1
Spinal disease	---	1	Liver complaint	1	---
Spinal meningitis	1	---	Worms	1	---
Sickness (not specified)	3	---	Catarrh	---	1
Ague	1	---	Scalded	---	1
Menses	3	2	Eating matches	---	1
Fits	3	2	Unassigned	187	129
Rheumatism	1	---			
Totals				236	183

TABLE XVII.

Showing, for the partially deaf and dumb persons in Michigan, the assigned causes of malady, and by sex, the number partially deaf and dumb from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital.....	13	16	Inflammatory fever.....	1	-----
Paralysis.....	2	2	Scarlet fever.....	7	6
Catarrh.....	8	3	Malarial fever.....	-----	2
Inflammation.....	1	-----	Typhoid fever.....	4	2
Headache.....	1	-----	Whooping cough.....	1	-----
Suppuration of middle ear.....	1	-----	Erysipelas.....	-----	1
Brain fever.....	1	5	Scrofula.....	1	-----
Ulceration in head.....	1	1	A fall.....	1	1
Croup.....	3	-----	Fright.....	-----	1
Earsache.....	-----	1	Thimble lodged in throat.....	1	-----
Spinal fever.....	13	4	Hurt at school.....	1	-----
Spinal meningitis.....	1	2	Explosion of fire crackers.....	1	-----
Measles.....	3	3	Unassigned.....	7	9
Sickness (not specified).....	5	1			
Totals.....				78	60

TABLE XVIII.

Showing, for the dumb persons in Michigan, the assigned causes of malady, and by sex, the number dumb from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital.....	10	11	Spinal fever.....	2	—
Cold.....	1	1	Spinal disease.....	—	1
Fits.....	8	—	Scarlet fever.....	2	1
Whooping cough.....	—	1	Fever (not specified).....	2	—
Measles.....	1	—	Unassigned.....	12	8
Blood on brain.....	—	1			
Totals.....				23	24

TABLE XIX.

Showing, for the partially blind persons in Michigan, the assigned causes of malady and by sex, the number partially blind from each cause.

Causes of malady.	Males.	Females.	Causes of malady.	Males.	Females.
Congenital.....	6	—	Exposure in army.....	2	—
Heredity and syphilis.....	1	—	From cold.....	—	1
Teething.....	1	1	Brain fever.....	1	1
Old age.....	4	—	Erysipelas.....	1	1
Cataract.....	7	1	Scrofula.....	1	1
Film.....	1	—	Spinal meningitis.....	1	—
Disease of optic nerve.....	—	1	Overwork.....	2	—
Inflammation.....	7	4	Accidents.....	2	1
Myopia.....	1	—	Sunstroke.....	1	—
Sore eyes.....	1	1	Blasting in mine.....	1	—
Nervousness.....	1	—	Malpractice.....	—	1
Small-pox.....	2	—	Poison.....	—	1
Scarlet fever.....	1	—	Injury by fire.....	1	—
Measles.....	—	2	Unassigned.....	6	5
Fever (not specified).....	1	—			
Totals.....				51	23

TABLE XX.

Showing the occupations, previous to insanity, of the insane persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
Agents.....	6	3	Dentists' widows.....	---	1
Architects.....	1	---	Detectives' wives.....	---	1
Artists.....	---	1	Domestics.....	---	164
At home.....	5	---	Dressmakers.....	1	18
Auctioneers.....	2	---	Drivers and wives.....	2	1
Bakers and wives.....	6	1	Druggists and wives.....	3	3
Barbers and wives.....	7	2	Druggists' widows.....	---	1
Barbers' widows.....	---	1	Dyers.....	1	---
Billiard hall keepers.....	1	---	Editors and wives.....	1	1
Blacksmiths and wives.....	13	6	Editors' sons.....	1	---
Blacksmiths' daughters.....	---	2	Engineers and wives.....	8	9
Boilermakers and wives.....	5	1	Engineers' daughters.....	---	1
Boilermakers' daughters.....	---	1	Expressmen.....	1	---
Book-binders.....	3	---	Factory employes and wives.....	2	2
Book-keepers.....	16	2	Farmers.....	450	163
Brewers' wives.....	---	1	Farmers' wives.....	---	118
Brickmakers and wives.....	2	1	Farmers' widows.....	---	29
Brickmakers' daughters.....	---	1	Farmers' sons and daughters.....	19	47
Brokers and wives.....	1	1	Farm laborers and wives.....	68	2
Brushmakers' wives.....	---	1	Firemen.....	3	---
Builders and wives.....	1	2	Fishermen.....	1	---
Builders' sons.....	1	---	Gamblers.....	3	---
Butchers and wives.....	9	2	Gardeners and wives.....	2	1
Butchers' daughters.....	---	3	Glaziers.....	1	---
Butchers' widows.....	---	2	Governesses.....	---	1
Cabinetmakers and wives.....	3	5	Grocers and wives.....	4	2
Cabinetmakers' daughters.....	---	1	Grocers' daughters.....	---	1
Cabinetmakers' widows.....	---	1	Gunsmiths.....	2	---
Captains' wives.....	---	1	Hairdressers.....	---	1
Carpenters and wives.....	46	23	Harnessmakers and wives.....	4	1
Carpenters' sons and daughters.....	1	3	Harnessmakers' daughters.....	---	2
Carpenters' widows.....	4	3	Hotel keepers.....	2	---
Carriage makers.....	---	1	Hotel keepers' widows.....	---	1
Carriers.....	1	---	Hotel keepers' daughters.....	---	1
Chairmakers.....	1	---	House movers.....	1	---
Cigarmakers.....	6	---	Housewives.....	---	72
Cigarmakers' widows.....	---	1	Houseworkers.....	---	169
Clafrvoyants.....	---	1	Insurance agents.....	1	---
Clerks.....	25	4	Insurance agents' sons.....	1	---
Clerks' daughters.....	---	1	Jewelers.....	4	---
Cochmen.....	3	---	Laborers.....	498	62
Collectors and wives.....	1	1	Laborers' wives.....	---	102
Commercial travelers and wives.....	3	3	Laborers' widows.....	---	6
Contractors' wives.....	---	1	Laborers' sons and daughters.....	3	10
Cooks.....	3	4	Landrymen.....	1	---
Cooks' wives.....	---	2	Lawyers and wives.....	8	1
Coopers and wives.....	10	3	Lawyers' widows.....	---	2
Coopers' daughters.....	---	1	Lawyers' sons and daughters.....	1	3
Coopers' widows.....	---	1	Lecturers.....	1	1
Coppersmiths.....	1	---	Lecturers' widows.....	---	1
Dailymen.....	1	---	Liverymen.....	3	---
Dentists.....	2	---	Longshoremen.....	1	---

STATISTICAL INFORMATION

TABLE XX.—CONTINUED.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
Lumbermen and wives	4	2	Railroad employes and wives	8	7
Lumbermen's widows	2	2	Railroad employes' sons and daughters	1	1
Machinists and wives	5	6	Real estate agents	2	2
Machinists' daughters	1	1	Restaurant keepers	1	1
Manufacturers	1	1	Rope makers	1	1
Masons and wives	15	11	Rope walkers' wives	1	1
Masons' widows	1	1	Sailors and wives	10	3
Masons' sons and daughters	1	3	Sailors' daughters	2	2
Mechanics and wives	7	2	Salesmen and wives	2	3
Merchants and wives	10	30	Saloon keepers and wives	10	5
Merchants' widows	1	1	Sawyers	1	1
Merchants' sons and daughters	4	7	Seamstresses	1	20
Millers and wives	2	4	Seixtons' daughters	2	1
Millers' daughters	2	2	Ship carpenters and wives	2	2
Milliners	1	6	Shoemakers and wives	13	6
Miners and wives	33	22	Shoemakers' widows	1	1
Miners' daughters	1	1	Shoemakers' daughters	1	2
Ministers and wives	8	3	Shop keepers	1	1
Ministers' widows	1	1	Soldiers and wives	4	1
Ministers' sons and daughters	1	2	Speculators' daughters	1	1
Molders and wives	8	5	Stenographers	1	1
Molders' daughters	1	1	Stone cutters and wives	2	2
Musicians and wives	1	2	Street car conductors and wives	2	1
Musical teachers	1	5	Students	10	2
Needleworkers	1	1	Tailors and wives	12	3
No occupation	69	124	Tailors' widows	1	1
Not reported	220	235	Tailors' daughters	2	2
Nurserymen	2	1	Tailoresses	1	1
Nurses	1	3	Teachers	8	53
Ore inspectors	1	1	Teachers' wives	1	1
Painters and wives	11	7	Teamsters and wives	4	3
Paper makers and wives	1	1	Telegraphers and wives	2	2
Peddlers and wives	4	1	Telegraphers' widows	1	1
Photographers	1	1	Tinmiths	4	1
Physicians and wives	11	4	Trampe	2	1
Physicians' widows	1	1	Undertakers	1	1
Plumbers	3	1	Upholsters and wives	3	2
Policeemen	1	1	Wagon makers and wives	4	2
Politicians	2	1	Waiters	1	1
Porters' wives	1	1	Wash women	1	4
Postal clerks	1	1	Watchmen	1	1
Printers	7	1	Weavers	3	1
Printers' widows	1	1	Weavers' widows	2	1
Printers' daughters	1	1	Well diggers	2	1
Proof readers	1	1	Wood carvers' wives	1	1
Prostitutes	1	3	Woodsmen and wives	1	2
Railroad conductors	1	1	Wood turners and wives	1	1
Totals	1,831	1,813			

TABLE XXI.

Showing the occupations of the deaf and dumb persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
At home.....		9	Florists' sons.....	1	
Barbers.....	2		Furniture dealers.....	1	
Binders.....	2		Gardners.....	1	
Blacksmiths' daughters.....		1	Glove makers.....	1	
Butchers' sons.....	1		Harness makers.....	3	
Cabinet makers.....	4		Housekeepers.....		66
Carpenters.....	7		Housewives.....		19
Carpenters' daughters.....		2	Laborers.....	43	2
Carriage makers.....	1		Laborers' sons and daughters.....	10	12
Carriage makers' sons.....	1		Machinists.....	1	
Children.....	19	10	Marble cutters.....	1	
Cigar makers.....	1		Mechanics.....	1	
Clerks.....		1	Merchants' daughters.....		1
Cooks.....	1		Millwrights.....	1	
Coopers.....	1		Miners.....	1	
Copyists.....	1		No occupation.....	36	23
Corset makers.....		1	Not reported.....	21	40
Crocheting.....		1	Painters and wives.....	2	1
Domestics.....	1	15	Peddlers.....	1	
Dressmakers.....		5	Printers.....	5	1
Engineers.....	1		Pupils.....	76	84
Farmers.....	93	5	Seamstresses.....		2
Farmers' wives.....		6	Shoemakers.....	11	
Farmers' sons and daughters.....	16	14	Tailors.....	4	1
Farm laborers.....	6		Teachers.....	3	
Totals.....				363	328

TABLE XXII.

Showing the occupations of the blind persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
At home.....	2	2	Machinists.....	2	—
Basket makers.....	2	1	Masons.....	2	—
Bead workers.....	—	1	Mechanics.....	5	—
Blacksmiths.....	2	—	Merchants.....	1	—
Broom makers.....	10	—	Merchants' sons and daughters.....	1	1
Butchers.....	1	—	Millers.....	1	—
Cabinet makers.....	1	—	Mill hands.....	2	—
Carpenters.....	2	—	Miners.....	2	—
Children.....	2	1	Ministers.....	2	—
Cigar makers.....	1	—	Money lenders.....	1	—
Coopers.....	1	—	Musicians.....	2	1
Farmers.....	98	5	Music teachers.....	5	3
Farmers' wives.....	—	12	News dealers.....	1	—
Farmers' sons and daughters.....	2	7	No occupation.....	45	48
Farmers' widows.....	—	1	Not reported.....	32	27
Farm laborers.....	1	—	Peddlers.....	5	—
Fishermen.....	1	—	Piano tuners.....	3	—
Furnacemen.....	1	—	Printers.....	1	—
Gunsmiths.....	1	—	Sailors.....	1	—
Hatters.....	1	—	Saloon keepers.....	2	—
Hotel keepers.....	3	—	Students.....	23	11
Housekeepers.....	—	47	Tailoresses.....	—	2
Housewives.....	—	35	Traveling agents.....	1	—
Laborers.....	25	5	Wagon makers.....	1	—
Lumbermen.....	1	—	Wood sawyers.....	4	—
Totals.....	318	205			

TABLE XXIII.

Showing the occupations of the idiotic persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
At home.....	5	4	Furriers' sons.....	1	—
Blacksmith's sons.....	2	—	House keepers.....	—	21
Book-keepers.....	1	—	Jewelers.....	1	1
Brewers' sons.....	1	—	Laborers.....	86	2
Carpenters.....	1	—	Laborers' sons and daughters.....	1	4
Carpenters' sons and daughters.....	2	2	Masons' sons.....	1	—
Children.....	4	9	Merchants.....	1	—
Choring.....	1	1	Merchants' sons.....	2	—
Domestics.....	5	—	Ministers' sons and daughters.....	2	1
Expressmen's daughters.....	1	1	No occupation.....	168	124
Farmers.....	33	4	Not reported.....	86	69
Farmers' wives.....	—	1	Pupils.....	—	1
Farmers' sons and daughters.....	21	23	Pupils in school for feeble minded.....	17	12
Farm laborers.....	16	—	Shoe makers.....	1	—
Farmers and gardeners.....	1	1	Shoe makers' sons and daughters.....	1	1
Firemen.....	1	—	Tramps.....	1	—
Totals.....	408	237			

TABLE XXIV.

Showing the occupations of the epileptic persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
At home.....	3	4	Laborers' daughters.....		2
Blacksmiths.....	2		Lawyers.....	1	
Butchers.....	1		Lumbermen's daughters.....		1
Carpenters.....	3		Masons.....	1	
Carpenters' sons and daughters.....	2	1	Mechanics.....	1	
Carriage makers.....	1		Millers.....	1	
Children.....	4	1	Miners.....	1	
Coopers.....	1		Ministers' wives.....		1
Domestics.....		4	Molders.....	1	
Editors.....	1		No occupation.....	61	69
Farmers.....	84	9	Not reported.....	40	35
Farmers' wives.....		4	Painters.....	1	
Farmers' widows.....		1	Physicians.....	1	
Farmers' sons and daughters.....	11	15	Policemen's daughters.....		1
Farm laborers.....	2		Pupils.....	1	
Housekeepers.....		19	Salesmen.....	1	
Housewives.....		13	Seamstresses.....		1
Justices of the peace and wives.....	1	1	Station agents.....	1	
Laborers.....	50	2	Wagon makers.....	2	
Laborers' wives.....		1	Weavers.....		2
Laborers' widows.....		1			
Totals.....				280	188

TABLE XXV.

Showing the occupations of the partially deaf and dumb persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
Dressmakers.....		1	Mechanics.....	2	
Farmers and wives.....	6	3	No occupation.....	1	1
Farmers' sons.....	2		Not reported.....	2	1
Housekeepers.....		3	Painters.....		
Housewives.....		1	Pupils.....	62	50
Laborers.....	1				
Totals.....				78	60

TABLE XXVI.

Showing the occupations of the dumb persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
Carvers.....	1		Mechanics.....	2	
Children.....	1	3	No occupation.....	16	12
Farmers.....	4		Not reported.....	9	4
Housekeepers.....		5			
Totals.....				33	24

TABLE XXVII.

Showing the occupations of the partially blind persons in Michigan, and by sex, the number engaged in each occupation.

Occupations.	Males.	Females.	Occupations.	Males.	Females.
Blacksmiths.....	1		Housewives.....		2
Broom makers.....	1		Laborers.....	2	
Doctors.....	1		Miners.....	1	
Farmers and wives.....	19	2	No occupation.....	3	2
Farmers' sons.....	1		Not reported.....	2	2
Housekeepers.....		4	Students.....	20	11
Totals.....				51	23

STATISTICAL INFORMATION

EXHIBIT A.

Showing the sex, age and conjugal and mental conditions of persons reported as being afflicted with any of the maladies included in this abstract, of whom the information seems to indicate that more than one in a family are afflicted, with the nature, duration, and cause of malady, and the township or city, and the county, from which each is reported.

Sex.	Age in years.	Conjugal condition.	Name and degree of malady.	Time afflicted in years.	Mental condition.	Township or city from which reported.	County from which reported.	Assigned causes of malady.
{ Male	70	Married	Blind	50	Intelligent	Casco	Allegan	Inflammation.
{ Male	20	Single	Deaf and dumb	19	Intelligent	Casco	Allegan	Spinal fever.
{ Female	48	Married	Deaf and dumb	47	Intelligent	Osego	Allegan	Gathering in head.
{ Female	44	Married	Deaf and dumb	44	Intelligent	Osego	Allegan	Congenital.
{ Male	39	Married	Partially deaf and dumb	38	Intelligent	Osego	Allegan	Croup.
{ Female	32	Married	Partially deaf and dumb	29	Intelligent	Osego	Allegan	Spotted fever.
{ Female	28	Married	Deaf and dumb	25	Intelligent	Johnstown	Barry	Scarlet fever.
{ Male	29	Married	Deaf and dumb	23	Intelligent	Johnstown	Barry	Measles.
{ Male	45	Married	Deaf and dumb	45	Intelligent	Bay City	Bay	Congenital.
{ Female	53	Married	Deaf and dumb	53	Intelligent	Bay City	Bay	Scarlet fever.
{ Male	23	Single	Idiotic	23	Idiotic	Homestead	Benzie	Congenital.
{ Male	19	Single	Idiotic	19	Idiotic	Homestead	Benzie	Congenital.
{ Male	16	Single	Deaf and dumb	16	Intelligent	Platte	Benzie	Congenital
{ Male	13	Single	Partially deaf and dumb	13	Intelligent	Platte	Benzie	Thimble lodged in throat.
{ Male	30	Married	Deaf and dumb	Unk.	Intelligent	Benzonia	Benzie	Unknown.
{ Female	23	Married	Deaf and dumb	Unk.	Intelligent	Benzonia	Benzie	Unknown.
{ Male	8	Single	Deaf and dumb	6	Average	Buchanan	Berrian	Whooping cough.
{ Male	12	Single	Deaf and dumb	8	Average	Buchanan	Berrian	Whooping cough.
{ Male	22	Single	Epileptic	17	Average	Pipestone	Berrian	Unknown.
{ Female	43	Single	Insane	24	Average	Pipestone	Berrian	Spinal complaint.
{ Male	35	Married	Deaf and dumb	14	Intelligent	Royalton	Berrian	Whooping cough.
{ Female	33	Married	Deaf and dumb	11	Intelligent	Royalton	Berrian	Quincy.
{ Male	61	Married	Deaf and dumb	56	Intelligent	Royalton	Berrian	Scarlet fever.
{ Female	57	Married	Deaf and dumb	54	Intelligent	Royalton	Berrian	Scarlet fever.
{ Male	23	Single	Epileptic	14	Idiotic	Jefferson	Cass	Unknown.
{ Male	21	Single	Idiotic and dumb	21	Idiotic	Jefferson	Cass	Congenital.

{ Male 36	Single	Idiotic	Idiotic	26	Idiotic	Porter	Cass	Congenital.
{ Male 24	Single	Idiotic	Idiotic	24	Idiotic	Porter	Cass	Congenital.
{ Male 5	Single	Blind	Blind	2	Intelligent	Marion	Charlevoix	Congenital.
{ Male 2	Single	Blind	Blind	3	Intelligent	Marion	Charlevoix	Congenital.
{ Male 18	Single	Idiotic	Idiotic	18	Idiotic	Grant	Cheboygan	Congenital.
{ Male 14	Single	Idiotic	Idiotic	14	Idiotic	Grant	Cheboygan	Congenital.
{ Female 44	Single	Idiotic	Idiotic	44	Idiotic	Bingham	Clinton	Congenital.
{ Female 32	Single	Idiotic	Idiotic	32	Idiotic	Bingham	Clinton	Congenital.
{ Male 20	Single	Idiotic	Idiotic	19	Idiotic	Garden	Delta	Unknown.
{ Male 28	Married	Idiotic	Idiotic	1	Unknown	Garden	Delta	Unknown.
{ Female 18	Single	Idiotic	Idiotic	16	Average	Nahma	Delta	Unknown.
{ Female 15	Single	Idiotic	Idiotic	15	Average	Nahma	Delta	Unknown.
{ Male 50	Married	Idiotic	Idiotic	50	Intelligent	Chester	Eaton	Hereditary.
{ Female 50	Married	Idiotic	Idiotic	46	Intelligent	Chester	Eaton	Scarlet fever.
{ Female 12	Single	Idiotic	Idiotic	Unk.	Idiotic	Chester	Eaton	Unknown.
{ Male 8	Single	Idiotic	Idiotic	Unk.	Idiotic	Chester	Eaton	Unknown.
{ Male 46	Married	Idiotic	Idiotic	1	Intelligent	Kalamo	Eaton	Brain fever.
{ Female 27	Married	Idiotic	Idiotic	Unk.	Intelligent	Kalamo	Eaton	Brain fever.
{ Male 41	Married	Idiotic	Idiotic	39	Intelligent	Windsor	Eaton	Typhoid fever.
{ Female 34	Married	Idiotic	Idiotic	28	Intelligent	Windsor	Eaton	Scarlet fever.
{ Male 28	Married	Idiotic	Idiotic	16	Intelligent	Eaton Rapids City	Eaton	Congenital.
{ Female 28	Married	Idiotic	Idiotic	15	Intelligent	Eaton Rapids City	Eaton	Explosion.
{ Male 57	Married	Idiotic	Idiotic	55	Intelligent	Clayton	Genesee	Taking cold.
{ Female 56	Married	Idiotic	Idiotic	56	Average	Clayton	Genesee	Congenital.
{ Male 53	Married	Idiotic	Idiotic	45	Intelligent	Clayton	Genesee	Brain fever.
{ Female 43	Married	Idiotic	Idiotic	43	Average	Clayton	Genesee	Congenital.
{ Male 40	Married	Idiotic	Idiotic	40	Intelligent	Flushing	Genesee	Congenital.
{ Female 35	Married	Idiotic	Idiotic	Unk.	Intelligent	Flushing	Genesee	Unknown.
{ Male 20	Single	Idiotic	Idiotic	30	Idiotic	Flushing	Genesee	Congenital.
{ Male 35	Single	Idiotic	Idiotic	38	Idiotic	Flushing	Genesee	Congenital.
{ Female 55	Married	Idiotic	Idiotic	10	Intelligent	Genesee	Genesee	Change of life.
{ Female 26	Single	Idiotic	Idiotic	25	Idiotic	Genesee	Genesee	Congenital.
{ Female 8	Single	Idiotic	Idiotic	8	Idiotic	Genesee	Genesee	Congenital.
{ Male 17	Single	Idiotic	Idiotic	17	Idiotic	Genesee	Genesee	Congenital.
{ Female 12	Single	Idiotic	Idiotic	12	Idiotic	Montrose	Genesee	Malpractice.
{ Female 15	Single	Idiotic	Idiotic	14	Idiotic	Montrose	Genesee	Fall.

STATISTICAL INFORMATION

EXHIBIT A.—CONTINUED.

Sex.	Age in years.	Conjugal condition.	Name and degree of malady.	Time afflicted in years.	Mental condition.	Township or city from which reported.	County from which reported.	Assigned causes of malady.
{ Male	34	Single	Idiotic	34	Idiotic	Mundy	Genesee	Congenital.
{ Male	30	Single	Idiotic	30	Idiotic	Mundy	Genesee	Congenital.
{ Male	29	Married	Partially deaf and dumb	Unk.	Unknown	Thetford	Genesee	Brain fever.
{ Female	25	Married	Partially deaf and dumb	24	Unknown	Thetford	Genesee	Brain fever.
{ Male	42	Married	Deaf and dumb	42	Intelligent	Vienna	Genesee	Scarlet fever.
{ Female	33	Married	Deaf and dumb	23	Intelligent	Vienna	Genesee	Brain fever.
{ Male	66	Married	Deaf and dumb	66	Intelligent	Flint city	Genesee	Congenital.
{ Female	61	Married	Deaf and dumb	64	Intelligent	Flint city	Genesee	Congenital.
{ Male	43	Married	Deaf and dumb	43	Intelligent	Flint city	Genesee	Scarlet fever.
{ Female	38	Married	Deaf and dumb	32	Intelligent	Flint city	Genesee	Congenital.
{ Male	15	Single	Partially deaf and dumb	12	Intelligent	Flint—School for Deaf	Genesee	Inflammation.
{ Male	13	Single	Deaf and dumb	12	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	20	Single	Partially deaf and dumb	20	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Male	18	Single	Partially deaf and dumb	18	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	11	Single	Deaf and dumb	9	Intelligent	Flint—School for Deaf	Genesee	Spinal fever.
{ Male	10	Single	Partially deaf and dumb	10	Intelligent	Flint—School for Deaf	Genesee	Spinal fever.
{ Male	12	Single	Deaf and dumb	13	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Male	13	Single	Deaf and dumb	13	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	15	Single	Deaf and dumb	Unk.	Intelligent	Flint—School for Deaf	Genesee	Spinal fever.
{ Female	17	Single	Partially deaf and dumb	Unk.	Intelligent	Flint—School for Deaf	Genesee	Unknown.
{ Male	16	Single	Deaf and dumb	14	Intelligent	Flint—School for Deaf	Genesee	Fever.
{ Female	19	Single	Deaf and dumb	19	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	15	Single	Deaf and dumb	15	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Male	12	Single	Deaf and dumb	12	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Male	14	Single	Partially deaf and dumb	13	Intelligent	Flint—School for Deaf	Genesee	Cold in head.
{ Female	17	Single	Partially deaf and dumb	17	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	16	Single	Partially deaf and dumb	16	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female	19	Single	Partially deaf and dumb	15	Intelligent	Flint—School for Deaf	Genesee	Typhoid fever.
{ Female	15	Single	Deaf and dumb	13	Intelligent	Flint—School for Deaf	Genesee	Unknown.

{ Male.....	17	Single	Deaf and dumb.	15	Intelligent	Flint—School for Deaf	Genesee	Earsache.
{ Male.....	11	Single	Deaf and dumb.	11	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	16	Single	Deaf and dumb.	16	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	17	Single	Deaf and dumb.	17	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	13	Single	Partially deaf and dumb.	13	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	16	Single	Deaf and dumb.	16	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	17	Single	Deaf and dumb.	17	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	15	Single	Deaf and dumb.	15	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	11	Single	Deaf and dumb.	11	Intelligent	Flint—School for Deaf	Genesee	Congenital.
{ Female....	7	Single	Deaf and dumb.	7	Intelligent	Blair	Grand Traverse	Congenital.
{ Male.....	6	Single	Deaf and dumb.	6	Intelligent	Blair	Grand Traverse	Congenital.
{ Male.....	48	Married	Deaf and dumb.	46	Intelligent	Fayette	Hilledale.	Fever.
{ Female....	28	Single	Deaf and dumb.	28	Intelligent	Calumet	Houghton	Congenital.
{ Female....	26	Single	Deaf and dumb.	26	Intelligent	Calumet	Houghton	Congenital.
{ Female....	9	Single	Deaf and dumb.	9	Intelligent	Calumet	Houghton	Congenital.
{ Male.....	11	Single	Deaf and dumb.	11	Intelligent	Calumet	Houghton	Congenital.
{ Male.....	25	Single	Deaf and dumb.	25	Intelligent	Calumet	Houghton	Congenital.
{ Female....	23	Single	Deaf and dumb.	23	Intelligent	Calumet	Houghton	Congenital.
{ Male.....	23	Single	Blind	23	Intelligent	Ossola	Houghton	Congenital.
{ Male.....	11	Single	Blind	11	Intelligent	Ossola	Houghton	Congenital.
{ Male.....	37	Married	Blind	20	Intelligent	Quincy	Houghton	Accident.
{ Male.....	60	Married	Blind	22	Intelligent	Quincy	Houghton	Accident.
{ Female....	60	Married	Blind	40	Intelligent	Bingham	Huron	Child-birth.
{ Female....	38	Single	Idiotic	33	Idiotic	Bingham	Huron	Congenital.
{ Female....	12	Single	Deaf and dumb.	12	Intelligent	Dwight	Huron	Congenital.
{ Male.....	10	Single	Deaf and dumb.	10	Intelligent	Dwight	Huron	Congenital.
{ Male.....	3	Single	Deaf and dumb.	8	Intelligent	Dwight	Huron	Congenital.
{ Male.....	79	Widower	Blind	32	Intelligent	Meade	Huron	Inflammation.
{ Female....	39	Single	Blind	16	Intelligent	Meade	Huron	Inflammation.
{ Male.....	28	Single	Deaf and dumb.	28	Intelligent	Paris	Huron	Unknown.
{ Female....	35	Single	Deaf and dumb.	25	Intelligent	Paris	Huron	Unknown.
{ Male.....	40	Married	Deaf and dumb.	40	Intelligent	Lealle	Ingham	Unknown.
{ Female....	30	Married	Deaf and dumb.	27	Intelligent	Lealle	Ingham	Scarlet fever.
{ Male.....	27	Married	Deaf and dumb.	27	Intelligent	Williamston	Ingham	Congenital.
{ Female....	27	Married	Deaf and dumb.	27	Intelligent	Williamston	Ingham	Scarlet fever.
{ Male.....	47	Married	Deaf and dumb.	44	Intelligent	Keene	Ionla	Scarlet fever.
{ Female....	27	Married	Deaf and dumb.	37	Intelligent	Keene	Ionla	Congenital.

STATISTICAL INFORMATION

EXHIBIT A.—CONTINUED.

Sex.	Age in years.	Conjugal condition.	Name and degree of malady.	Time admitted in years.	Mental condition.	Township or city from which reported.	County from which reported.	Assigned causes of malady.
{ Male	22	Single	Idiotic	20	Idiotic	Orange	Ionis.	Scarlet fever.
{ Male	24	Single	Idiotic	27	Idiotic	Orange	Ionis.	Scarlet fever.
{ Male	33	Single	Partially deaf and dumb	24	Intelligent	Coe	Isabella	Measles.
{ Female	72	Single	Partially deaf and dumb	64	Intelligent	Coe	Isabella	Measles.
{ Male	35	Married	Deaf and dumb	33	Intelligent	Jackson, 2d ward	Jackson	Fits.
{ Female	33	Married	Deaf and dumb	30	Intelligent	Jackson, 2d ward	Jackson	Diphtheria.
{ Male	8	Single	Deaf and dumb	3	Intelligent	Jackson, 2d ward	Jackson	Congenital.
{ Male	53	Married	Deaf and dumb	30	Intelligent	Jackson, 4th ward	Jackson	Lightning.
{ Female	68	Married	Deaf and dumb	65	Intelligent	Jackson, 4th ward	Jackson	Scarlet fever.
{ Male	55	Married	Deaf and dumb	53	Intelligent	Jackson, 7th ward	Jackson	Congenital.
{ Female	57	Married	Deaf and dumb	57	Intelligent	Jackson, 7th ward	Jackson	Congenital.
{ Female	12	Single	Idiotic	12	Idiotic	Climax	Kalamazoo	Congenital.
{ Female	8	Single	Idiotic	8	Idiotic	Climax	Kalamazoo	Congenital.
{ Female	74	Widow	Insane.	30	Intelligent	Climax	Kalamazoo	Hereditary.
{ Male	35	Single	Insane.	15	Idiotic	Climax	Kalamazoo	Hereditary.
{ Male	49	Married	Deaf and dumb	49	Intelligent	Schoolcraft	Kalamazoo	Congenital.
{ Female	28	Single	Deaf and dumb	23	Intelligent	Schoolcraft	Kalamazoo	Congenital.
{ Male	37	Married	Deaf and dumb	37	Intelligent	Kalamazoo, 1st ward	Kalamazoo	Congenital.
{ Female	39	Married	Deaf and dumb	35	Intelligent	Kalamazoo, 1st ward	Kalamazoo	Scarlet fever.
{ Male	24	Single	Idiotic	24	Idiotic	Boyne	Kent	Congenital.
{ Male	13	Single	Idiotic	9	Idiotic	Boyne	Kent	Brain fever.
{ Male	27	Single	Idiotic	Unk.	Idiotic	Boyne	Kent	Unknown.
{ Male	28	Single	Deaf and dumb	28	Intelligent	Byron	Kent	Congenital.
{ Male	36	Single	Deaf and dumb	25	Intelligent	Byron	Kent	Congenital.
{ Male	13	Single	Idiotic	13	Unknown	Caledonia	Kent	Congenital.
{ Female	19	Single	Idiotic	19	Unknown	Caledonia	Kent	Congenital.
{ Female	25	Single	Idiotic	25	Idiotic	Courtland	Kent	Congenital.
{ Female	25	Single	Idiotic	25	Idiotic	Courtland	Kent	Congenital.
{ Male	Unk.	Married	Deaf and dumb	Unk.	Intelligent	Grand Rapids, 1st ward	Kent	Unknown.
{ Female	Unk.	Married	Deaf and dumb	Unk.	Intelligent	Grand Rapids, 1st ward	Kent	Unknown.

{ Male..... Female.....	43 43	Married.....	Deaf and dumb Deaf and dumb	45 38	Average..... Intelligent.....	Attica..... Attica.....	Lapeer..... Lapeer.....	Congenital. Typhoid fever.
{ Male..... Female.....	60 50	Single..... Single.....	Idiotie..... Idiotie.....	60 50	Idiotie..... Idiotie.....	Attica..... Attica.....	Lapeer..... Lapeer.....	Congenital. Congenital.
{ Male..... Female.....	48 48	Single..... Single.....	Idiotie..... Idiotie.....	43 43	Idiotie..... Idiotie.....	Attica..... Attica.....	Lapeer..... Lapeer.....	Congenital. Congenital.
{ Male..... Female.....	59 48	Single..... Single.....	Idiotie..... Idiotie.....	53 43	Intelligent Idiotie.....	Macon..... Macon.....	Lenawee..... Lenawee.....	Fits. Congenital.
{ Male..... Female.....	53 59	Single..... Single.....	Deaf and dumb Deaf and dumb	53 53	Intelligent Intelligent	Seneca..... Seneca.....	Lenawee..... Lenawee.....	Scarlet fever. Scarlet fever.
{ Male..... Female.....	61 19	Married..... Single.....	Insane..... Idiotie.....	14 19	Intelligent Idiotie.....	Bruce..... Bruce.....	Macomb..... Macomb.....	Change of life. Congenital.
{ Male..... Female.....	30 28	Single..... Single.....	Deaf and dumb Deaf and dumb	30 28	Intelligent Intelligent	Lenox..... Lenox.....	Macomb..... Macomb.....	Congenital. Congenital.
{ Male..... Female.....	24 24	Single..... Single.....	Deaf and dumb Deaf and dumb	23 23	Intelligent Intelligent	Lenox..... Lenox.....	Macomb..... Macomb.....	Congenital. Congenital.
{ Male..... Female.....	22 15	Single..... Single.....	Idiotie..... Idiotie.....	23 15	Idiotie..... Idiotie.....	Macomb..... Macomb.....	Macomb..... Macomb.....	Congenital. Congenital.
{ Male..... Female.....	75 47	Widow..... Single.....	Blind..... Blind.....	41 37	Intelligent Intelligent	Ray..... Ray.....	Macomb..... Macomb.....	Glaucoma. Glaucoma.
{ Male..... Female.....	27 17	Single..... Single.....	Deaf and dumb Deaf and dumb	27 17	Intelligent Intelligent	Sterling..... Sterling.....	Macomb..... Macomb.....	Congenital. Congenital.
{ Male..... Female.....	9 23	Single..... Single.....	Deaf and dumb Deaf and dumb	9 23	Intelligent Intelligent	Sterling..... Sterling.....	Macomb..... Macomb.....	Congenital. Congenital.
{ Male..... Female.....	33 40	Single..... Widow.....	Epileptic..... Epileptic.....	9 10	Idiotie..... Idiotie.....	Manistee..... Manistee.....	Manistee..... Manistee.....	Spinal disease. Unknown.
{ Male..... Female.....	36 26	Married..... Married.....	Deaf and dumb Deaf and dumb	36 26	Intelligent Intelligent	Michigan..... Michigan.....	Marquette..... Marquette.....	Congenital. Congenital.
{ Male..... Female.....	8 17	Single..... Single.....	Deaf and dumb Deaf and dumb	15 17	Intelligent Intelligent	Negaunee, 1st ward Negaunee, 1st ward	Marquette..... Marquette.....	Congenital. Congenital.
{ Male..... Female.....	55 44	Married..... Married.....	Deaf and dumb Deaf and dumb	53 44	Intelligent Intelligent	Morton..... Morton.....	Macosta..... Macosta.....	Congenital. Congenital.
{ Male..... Female.....	18 15	Single..... Single.....	Deaf and dumb Deaf and dumb	15 15	Intelligent Intelligent	Stephenson..... Stephenson.....	Menominee..... Menominee.....	Congenital. Congenital.
{ Male..... Female.....	40 61	Single..... Married.....	Partially blind Blind.....	33 14	Intelligent Intelligent	Mount Hayley..... Mount Hayley.....	Midland..... Midland.....	Small-pox. Cold and smoke.
{ Male..... Female.....	53 13	Married..... Single.....	Blind..... Idiotie.....	14 13	Intelligent Idiotie.....	Ash..... Ash.....	Monroe..... Monroe.....	Shot out. Congenital.
{ Male..... Female.....	20 20	Single..... Single.....	Idiotie..... Idiotie.....	20 20	Idiotie..... Idiotie.....	Ash..... Ash.....	Monroe..... Monroe.....	Congenital. Congenital.

STATISTICAL INFORMATION

EXHIBIT A.—CONTINUED.

Sex.	Age in years.	Conjugal condition.	Name and degree of malady.	Time in years afflicted.	Mental condition.	Township or city from which reported.	County from which reported.	Assigned causes of malady.
{ Male { Male	48 8	Single Single	Idiotic Idiotic	48 8	Idiotic Idiotic	Dundas Dundas	Monroe Monroe	Epilepsy Congenital.
{ Female { Female	68 68	Single Single	Blind Blind	68 68	Intelligent Intelligent	Monroe, 1st ward Monroe, 1st ward	Monroe Monroe	Congenital. Congenital.
{ Female { Female	46 46	Single Single	Idiotic Idiotic	41 Unk.	Idiotic Idiotic	Fair Plain Fair Plain	Montcalm Montcalm	Congenital. Fits.
{ Male { Female { Male	1 5 10	Single Single Single	Deaf and dumb Deaf and dumb Deaf and dumb	1 5 10	Intelligent Intelligent Intelligent	Albert Albert Albert	Montmorency Montmorency Montmorency	Congenital. Congenital. Congenital.
{ Male { Female	Unk. Unk.	Single Single	Epileptic Blind	Unk. Unk.	Idiotic. Average	Fruitport Fruitport	Muskegon Muskegon	Unknown. Whooping cough.
{ Male { Female	55 46	Married Married	Deaf and dumb Deaf and dumb	51 39	Intelligent Intelligent	Moorland Moorland	Muskegon Muskegon	Scarlet fever. Scarlet fever.
{ Male { Female	44 44	Married Married	Blind Blind	48 25	Intelligent Intelligent	Muskegon, 8th ward Muskegon, 8th ward	Muskegon Muskegon	Inflammation. Inflammation.
{ Male { Male	17 11	Single Single	Deaf and dumb Deaf and dumb	10 7	Intelligent Intelligent	Denver Denver	Newaygo Newaygo	Spinal fever. Spinal fever.
{ Female { Male { Female	30 24 20	Single Single Single	Deaf and dumb Deaf and dumb Deaf and dumb	27 24 20	Intelligent Intelligent Intelligent	Grant Grant Grant	Newaygo Newaygo Newaygo	Unknown. Gathering in head. Gathering in head.
{ Male { Female	46 38	Married Married	Deaf and dumb Deaf and dumb	45 35	Intelligent Intelligent	Troy Troy	Oakland Oakland	Scarlet fever. Mumps.
{ Male { Female	8 15	Single Single	Partially blind Blind	8 15	Intelligent Intelligent	Churchill Churchill	Ogemaw Ogemaw	Unknown. Unknown.
{ Male { Female	53 50	Married Married	Deaf and dumb Deaf and dumb	48 46	Intelligent Intelligent	Corwith Corwith	Otego Otego	Sickness Erysipelas in the head.
{ Male { Female	67 73	Married Married	Partially deaf and dumb Deaf and dumb	Unk. 73	Intelligent Intelligent	Polkton Polkton	Ottawa Ottawa	Unknown. Congenital.
{ Male { Female	80 50	Widower Single	Insane Insane	30 20	Intelligent Intelligent	Wright Wright	Ottawa Ottawa	Hereditary. Hereditary.

{ Male. { Male. { Male.	Unk. Unk. Unk.	Single Single Single	Deaf and dumb Deaf and dumb Deaf and dumb	Unk. Unk. Unk.	Intelligent Intelligent Intelligent	Grand Haven, 1st-3d ward. Grand Haven, 1st-3d ward. Grand Haven, 1st-3d ward.	Ottawa Ottawa Ottawa	Measles and whooping cough. Measles and whooping cough. Scarlet fever.
{ Male. { Male. { Male.	16 6 32	Single Single Single	Epileptic. Epileptic. Idiotic	9 5 8	Idiotic Intelligent Idiotic	Grand Haven, 3d ward. Frankenmuth Frankenmuth	Ottawa Saginaw Saginaw	Scarlet fever. Unknown. Teething.
{ Male. { Female { Male.	44 38 43	Married Married Single	Deaf and dumb Deaf and dumb Idiotic	32 44 43	Intelligent Intelligent Average	Speaker Maple Valley Maple Valley	Sanilac Sanilac Sanilac	Congenital. Congenital. Measles.
{ Male. { Male. { Female	29 43 55	Single Single Married	Idiotic Deaf and dumb Insane	29 43 6	Idiotic Unknown Unknown	Caledonia Fairfield Fairfield	Shiawassee Shiawassee Shiawassee	Unknown. Unknown. Unknown.
{ Male. { Male. { Female	40 30 10	Single Single Single	Idiotic Idiotic Epileptic	38 23 5	Idiotic Idiotic Unknown	New Haven Venice Venice	Shiawassee Shiawassee Shiawassee	Fits. Fits. Spotted fever.
{ Male. { Female { Female	41 51 30	Married Married Married	Deaf and dumb Deaf and dumb Partially deaf and dumb	29 51 21	Intelligent Intelligent Intelligent	Owosso City, 1st dist. Owosso City, 1st dist. Owosso City, 1st dist.	Shiawassee Shiawassee Shiawassee	Spotted fever. Congenital. Spinal fever.
{ Male. { Female { Male	37 27 31	Married Married Single	Dumb Dumb Deaf and dumb	35 25 34	Intelligent Intelligent Intelligent	Casco Casco Casco	St. Clair St. Clair St. Clair	Congenital. Congenital. Congenital.
{ Female { Male { Female	44 41 60	Married Married Single	Deaf and dumb Deaf and dumb Idiotic, deaf and dumb	43 41 60	Intelligent Intelligent Idiotic	Grant Grant Grant	St. Clair St. Clair St. Clair	Mumps. Inflammation of brain. Congenital.
{ Female { Female { Female	53 33 60	Single Widow Single	Idiotic, deaf and dumb Idiotic and dumb Idiotic	53 33 33	Idiotic Idiotic Idiotic	Wales Wales Wales	St. Clair St. Clair St. Clair	Congenital. Unknown. Congenital.
{ Female { Female { Male	43 14 10	Single Single Single	Idiotic Idiotic Epileptic	43 14 15	Idiotic Idiotic Intelligent	Port Huron, 1st ward Port Huron, 1st ward	St. Clair St. Clair St. Clair	Congenital. Unknown. Apoplexy.

STATISTICAL INFORMATION

EXHIBT A.—CONTINUED.

Sex.	Age in years.	Conjugal condition.	Name and degree of malady.	Time afflicted in years.	Mental condition.	Township or city from which reported.	County from which reported.	Assigned causes of malady.
{ Male	8	Single	Blind	8	Intelligent	Port Huron, 3d ward	St. Clair	Injury.
{ Male	8	Single	Blind	8	Intelligent	Port Huron, 3d ward	St. Clair	Congenital.
{ Female	63	Single	Idiotic and blind	63	Idiotic	Port Huron, 4th ward	St. Clair	Congenital.
{ Female	61	Single	Idiotic	61	Idiotic	Port Huron, 4th ward	St. Clair	Congenital.
{ Male	38	Widower	Blind	12	Intelligent	Casco	St. Clair	Old age.
{ Male	46	Single	Idiotic	43	Idiotic	Casco	St. Clair	Unknown.
{ Male	41	Married	Deaf and dumb	38	Intelligent	Sturgis	St. Joseph	Typhus fever.
{ Female	37	Married	Deaf and dumb	38	Intelligent	Sturgis	St. Joseph	Typhus fever.
{ Male	15	Single	Idiotic	Unk.	Idiotic	Almer	Tuscola	Unknown.
{ Male	12	Single	Idiotic	Unk.	Idiotic	Almer	Tuscola	Unknown.
{ Female	18	Single	Idiotic	18	Idiotic	Fair Grove	Tuscola	Congenital.
{ Female	19	Single	Idiotic	19	Idiotic	Fair Grove	Tuscola	Congenital.
{ Male	40	Married	Deaf and dumb	40	Intelligent	Fair Grove	Tuscola	Congenital.
{ Female	40	Married	Deaf and dumb	39	Intelligent	Fair Grove	Tuscola	Scarlet fever.
{ Male	80	Married	Blind	6	Intelligent	Northfield	Washtenaw	Unknown.
{ Female	30	Single	Inane.	10	Intelligent	Northfield	Washtenaw	Unknown.
{ Male	63	Single	Idiotic	63	Idiotic	Pittsfield	Washtenaw	Congenital.
{ Female	61	Single	Idiotic	61	Idiotic	Pittsfield	Washtenaw	Congenital.
{ Male	56	Single	Deaf and dumb	54	Intelligent	Ann Arbor	Washtenaw	Scrofula.
{ Male	48	Single	Partially deaf and dumb	41	Intelligent	Ann Arbor	Washtenaw	Scarlet fever.
{ Male	51	Married	Deaf and dumb	49	Intelligent	Ann Arbor City	Washtenaw	Measles.
{ Female	47	Married	Deaf and dumb	44	Intelligent	Ann Arbor City	Washtenaw	Brain fever.
{ Male	14	Single	Deaf and dumb	12	Intelligent	Brownstown	Wayne	Congenital.
{ Male	6	Single	Deaf and dumb	6	Intelligent	Brownstown	Wayne	Congenital.
{ Male	41	Married	Deaf and dumb	38	Intelligent	Canton	Wayne	Scarlet fever.
{ Female	38	Married	Deaf and dumb	38	Intelligent	Canton	Wayne	Congenital.
{ Male	24	Single	Deaf and dumb	24	Intelligent	Escoore	Wayne	Congenital.
{ Male	31	Single	Deaf and dumb	31	Intelligent	Escoore	Wayne	Congenital.

{ Male Male	Unk. Unk.	Single Single	Dumb. Deaf and dumb	Unk. Unk.	Intelligent Intelligent	Huron Huron	Wayne Wayne	Unknown. Unknown.
{ Male Male	23 31	Single Single	Deaf and dumb Deaf and dumb	20 31	Intelligent Intelligent	Springwells Springwells	Wayne Wayne	Catarh. Congenital.
{ Male Male	17 17	Single Single	Deaf and dumb Deaf and dumb	15 15	Intelligent Intelligent	Springwells Springwells	Wayne Wayne	Catarh. Catarh.
{ Male Female	34 34	Married Married	Deaf and dumb Partially deaf and dumb	34 20	Intelligent Intelligent	Sumpter Sumpter	Wayne Wayne	Unknown. Scarlet fever.
{ Male Female	34 15	Single Single	Deaf and dumb Deaf and dumb	24 15	Intelligent Intelligent	Sumpter Sumpter	Wayne Wayne	Unknown. Unknown.
{ Male Male	31 37	Single Single	Deaf and dumb Deaf and dumb	34 37	Intelligent Intelligent	Harring Harring	Worford Worford	Consanguinity of parents. Consanguinity of parents.

ANNUAL REPORT

OF THE

BOARD OF STATE AUDITORS

FOR THE

STATE OF MICHIGAN

FOR THE YEAR 1893



BY AUTHORITY

LANSING
ROBERT SMITH & CO., STATE PRINTERS AND BINDERS
1894

HOWELL'S STATUTES, SECTION 311.

The Board of State Auditors shall submit to the Legislature, annually, at the commencement of its session in January, a report of their doings during the year next preceding.

REPORT.

OFFICE OF THE BOARD OF STATE AUDITORS, }
Lansing, June 30, 1893.

To HON. JOHN T. RICH,

Governor of the State of Michigan:

SIR—In obedience to the requirements of law, the undersigned respectfully submit the following report, showing the proceedings of the Board of State Auditors for the fiscal year ending this day.

JOHN W. JOCHIM, *Secretary of State. Chairman.*
JOSEPH F. HAMBITZER, *State Treasurer,*
JOHN G. BERRY, *Com'r of State Land Office.*

July 27, 1892.

The Board met at their rooms in the capitol. Present: Hon. Robert R. Blacker, Secretary of State, chairman; Hon. Geo. T. Shaffer, Commissioner of State Land Office:

Clerk reported allowance for June, \$9,894.52; disallowance, \$154.39. With several bills held up.

Statement of all money received by clerk of Board for rent of old State building for month of July, as per State Treasurer's receipts rendered:

June 30.	John Wilson, room 8, 3d floor.....	\$3 00
July 1.	Ingham county savings bank, middle store	50 00
4.	Robert J. Black, room 15, 3d floor	3 00
5.	Grand River Boat Club, 2d floor.....	25 00
6.	Mrs. K. H. Blair, part of room 17, 3d floor.....	1 00
8.	Telegraph and Telephone Construction Co., rooms 11 and 12, 3d floor	6 00
9.	Charles J. Town, room 13, 3d floor.....	3 00
11.	V. R. Canfield, south store.....	37 50
13.	R. B. Shank & Co., north store	75 00
25.	James L. Millard, room 9, third floor.....	3 00
26.	James Salspaugh, room 0, 2d floor	5 00
Total		<u>\$211 50</u>

Delinquent: R. O. Davies, rooms 6, 10, 3d floor, for July.

No vacant rooms.

Respectfully submitted,

MILTON A. BRETZ,

Clerk.

ANNUAL REPORT OF THE

Dr. Baker, Secretary of State Board of Health, appeared before the Board asking that the alcove on south side of west corridor be closed up, so that department could use same for a library, but no further action was taken on same.

D. D. Thorp appeared before the Board and was heard in relation to his bills for binding the old Joint Documents of 1888.

The judges of the Supreme Court appeared before the Board and asked that the Supreme Court rooms, their clerk's rooms and their private consultation rooms be under the exclusive control of said Supreme Court and its officers.

On motion the request was granted, and all keys to those rooms ordered turned over to the Chief Justice of the court.

The Board had under consideration the claim of Abner Mitchell for State bounty, the same being an appeal from the Quartermaster General and Adjutant General's departments. After a careful consideration of the same, on motion of Commissioner Shaffer, the same was disallowed; the State having once paid said bounty to the assignees of said Mitchell, and the transfer of said certificate for bounty being proper and legal to the satisfaction of the Board.

The clerk presented the quarterly report of John O'Brien, State Oil Inspector. Upon comparing the same with the monthly reports of deputy inspectors filed in this office, the same was found to be correct, and on motion was approved.

August 31, 1892.

The Board met at their rooms in the capitol. Present: Hon. Robert R. Blacker, Secretary of State, chairman; Hon. George T. Shaffer, Commissioner State Land Office.

Clerk reported the allowance of July, \$19,798.18; disallowance, \$131.93, with several bills held up.

Clerk presented the following statement of all money received by clerk of Board for rent of old State building for month of August, as per State Treasurer's receipts rendered.

August 1.	Rob't J. Black, room 15, 3d floor	\$3 00
1.	Ingham County Savings Bank, middle store	50 00
3.	Mrs. K. H. Blair, room 17, 3d floor	1 00
4.	Grand River Boat Club, 2d floor	25 00
4.	Charles J. Town, room 13, 3d floor	3 00
8.	Telegraph & Telephone Construction Co., rooms 11 and 12, 3d floor	6 00
18.	R. B. Shank & Co., north store	75 00
22.	J. L. Millard, room 9, 3d floor	3 00
24.	Mrs. Mary Kitson, room 8, 3d floor	3 00
30.	V. R. Canfield, south store	37 50
Total		<u>\$206 50</u>

Delinquent: R. O. Davies, rooms 6 and 10 for July and August; James Salspagh, room 0 for August; Laura Bingham, part room 17 for August.

Respectfully submitted,

MILTON A. BRETZ.

On motion of Secretary Blacker, the use of Senate chamber was granted to the Association of School Commissioners for September 22 and 23.

September 28, 1892.

The Board met at their rooms in the capitol. Present: Hon. Robert R. Blacker, Secretary of State, chairman; Hon. George T. Shaffer, Commissioner State Land Office.

The clerk reported allowance for August, \$15,092.48; disallowance, \$235.54, with several bills held up.

Clerk presented the following:

I hereby submit a complete list of all rents collected since August meeting, as per State Treasurer's receipts rendered.

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Hon. S. S. Babcock, chairman of State Board of Education and of Board of Geological Survey, appeared before the Board, exhibiting the manuscript of the Board's annual report, and also of several preceding years. He explained at length the condition of the work and reports at the present time, and the importance of having said reports completed and printed as soon as possible.

After a careful consideration of the matter, on motion of Secretary Blacker, the reports were ordered printed as soon as possible, that all work connected with the same that could be done by the State printer should be done at that office.

Mr. Babcock was authorized to make a trip to the Upper Peninsula in order to collect the material necessary to complete said reports, and the Board would allow him \$3 per day for time necessary to collect the material to complete said work, not exceeding twenty days.

October 26, 1892.

The Board met at their rooms in the capitol. Present: Hon. Robert R. Blacker, Secretary of State, chairman; Hon. Geo. T. Shaffer, Commissioner of State Land Office.

The clerk submitted the following allowance for September, \$11,505.20; disallowance, \$450.78, with several bills held up.

Statement of all rents received by the clerk of Board for October, as per State Treasurer's receipts rendered:

Oct. 3.	Mrs. K. H. Blair, room 17, 3d floor	\$1 00
5.	Rob't J. Black, room 15, 3d floor	3 00
5.	Ingham County Savings Bank, middle store	50 00
10.	Chas. J. Town, room 13, 3d floor	3 00
10.	Grand River Boat Club rooms, 2d floor	25 00
11.	Laura Bingham, part room 17, 3d floor	2 00
14.	Telegraph & Telephone Construction Co., rooms 11, 12, 3d floor	6 00
14.	R. B. Shank & Co., corner store	75 00
15.	Mrs. Mary Kitson, room 8, 3d floor	3 00
22.	Welch & Bower, room 10, 3d floor, Oct. 22 to Dec. 1	11 10
25.	V. R. Canfield, south store	37 50
26.	F. H. Porter, room 10, 3d floor	2 78
26.	Jas. L. Millard, room 9, 3d floor	3 00
Total		<u>\$222 38</u>

Vacant: Room 6, 3d floor.

Delinquent: J. B. Salspaugh, room 0; R. O. Davies, room 10.

Respectfully submitted,

MILTON A. BRETZ,
Clerk.

Mr. H. J. Kinnucan, manager of the Postal Telegraph & Cable Co., appeared before the Board asking the privilege to put an instrument in the telegraph room in the capitol, and that the same privileges be shown their company as the Western Union Co.

On motion of Secretary Blacker, the request was granted.

Mr. H. B. Baker, Secretary of State Board of Health, appeared before the Board, asking that some arrangements be made by which the department of the Board of Health could have more office room.

On motion of Commissioner Shaffer, the matter was passed for further investigation.

The clerk presented a request from the State Teacher's Association, asking for use of Senate, Representative hall and Pioneer rooms, for December 28, 29 and 30, in which to hold their annual meeting.

On motion of Commissioner Shaffer, the same was granted.

Mr. Lee, of Lansing, appeared before the Board in relation to a claim of R. B. Shank & Co., against the State.

Upon request Mr. Lee was granted further time to investigate said claim.

The clerk submitted the quarterly report of State Oil Inspector, John O'Brien.

Upon comparing the same with the reports of the deputies filed in this office, the same was found to be correct and ordered filed.

November 29, 1892.

The Board met at their rooms in the capitol. Present: Robert R. Blacker, Secretary of State, chairman; Frederik Braastad, State Treasurer.

The clerk reported the allowance for October, \$16,881.14; disallowance, \$198.18, with several bills held up.

The clerk presented the following statement of all rents received by clerk of Board for November, as per State Treasurer's receipts rendered:

Oct. 31.	Robert J. Black, room 15, 3d floor	\$3 00
Nov. 1.	Mrs. K. H. Blair, part of room 17, 3d floor	1 00
1.	Grand River Boat Club, 2d floor	25 00
1.	Ingham County Savings Bank, middle store	50 00
15.	Mrs. Mary Kitson, room 8, 3d floor	3 00
16.	R. B. Shank & Co., corner store	75 00
16.	Charles J. Town, room 13, 3d floor	3 00
17.	Telegraph & Telephone Construction Co., rooms 11 and 12, 3d floor ..	6 00
18.	Laura Bingham, part of room 17, 3d floor, Sept. 15 to Nov. 15	2 00
23.	V. R. Canfield, south store	37 50
29.	Jas. L. Millard, room 9, 3d floor	3 00

Total \$208 50

Delinquent: James Salspaugh, room 0; R. B. Shank, room 6.

Respectfully submitted,
MILTON A. BRETZ,
Clerk.

On motion of Treasurer Braastad, the Board adjourned until 2 o'clock p. m.

At 2 o'clock p. m., the Board met, with Secretary of State R. R. Blacker and State Treasurer Frederick Braastad present.

The representatives of the Western Union and Postal Telegraph companies were present in regard to use of telegraph room in capitol building.

On motion of Secretary Blacker, the occupancy of telegraph room was to be used as follows:

That the opening and gate should be placed in the center of the railing in the telegraph room, and that the Western Union Telegraph Co. should use the east half of said room and the Postal Telegraph Co. the west half of said room.

On motion to adjourn, the Board adjourned until 9 o'clock a. m., November 30.

November 30, 1892.

The Board met at their rooms in the capitol. Present: Robert R. Blacker, Secretary of State; Geo. T. Shaffer, Commissioner State Land Office.

The clerk presented a communication from M. A. Boynton, acting as attorney for Geo. D. Bonton in regard to the purchase price of E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ of Sec. 21, town 9 north, of range 5 west, which had been deeded by the State of Michigan to said Bonton, and it was afterwards learned that a prior patent for said lands had been issued to other parties by the United States government.

The matter was referred to the Attorney General.

December 28, 1892.

The Board met at their rooms in the capitol. Present: Hon. R. R. Blacker, Secretary of State, chairman; Hon. Frederick Braastad, State Treasurer; Hon. Geo. T. Shaffer, Commissioner State Land Office.

The clerk reported the allowance for December, \$13,736.61; disallowances, \$126.97, with several bills held up.

The clerk presented the following statement of all rents received by the clerk of the Board of State Auditors for December, as per State Treasurer's receipts rendered:

ANNUAL REPORT OF THE

RENTS.

Nov. 30.	Ingham County Savings Bank, middle store.....	\$50 00
Dec. 1.	Mrs. K. H. Blair, part of room 17, 3d floor.....	1 00
3.	Leroy Warren, room 7, Dec., 1892, Jan. and Feb., 1893.....	9 00
6.	Robert J. Black, room 15, 3d floor.....	3 00
7.	Grand River Boat Club, 2d floor.....	25 00
14.	V. R. Canfield, south store.....	37 50
16.	Mrs. Mary Kitson, room 8, 3d floor, Dec. 15 to Jan. 15.....	3 00
20.	Telegraph & Telephone Construction Co., rooms 11 and 12, 3d floor.....	6 00
21.	R. B. Shank & Co., north store for Dec., and room 6, 3d floor, for Nov. and Dec.....	80 00
23.	Charles J. Towne, room 13, 3d floor.....	3 00
27.	Laura Bingham, part room 17, Nov. 15 to Jan. 15.....	2 00
	Jas. B. Salspaugh, room 0, Nov. and Dec.....	15 00

Delinquents: James L. Millard, room 9, 3d floor, for December.

Respectfully submitted,

MILTON A. BRETZ,
Clerk.

The Board had under consideration the claim of Lake county for the maintenance and care of Mattie Yates, an insane person. Mr. John G. Rogers, superintendent of the poor of Lake county, appeared in behalf of said county and Attorney General Ellis for the State. After carefully considering the matter it was decided that the charges represented by the claim now here, were not proper ones for the State to pay.

The Board had under consideration the claim of the Three Rivers Paper Co., of \$275.50, the same being amount deducted from former bills because the paper furnished was not in accordance with contract and sample filed. On motion bill was disallowed.

City Attorney Hammond, Mr. Porter and Mr. Alsdorf, acting as a committee from the common council of the city of Lansing, appeared before the board in relation to a judgment rendered against the City of Lansing, on account of defective sidewalk adjoining State property. The accident for which judgment was granted occurred in 1890, but the suit had recently been tried.

On motion of Secretary Blacker, the matter was laid over and the city requested to file with the board a copy of said judgment and records in the case.

On motion, the Board adjourned until 9 o'clock a. m., Dec. 29.

December 28, 1892.

Whereas, Milton A. Bretz, clerk of this board, has nearly every week during his entire term of office done extra work by working overtime for the State of Michigan, and has thereby saved the expense of extra help, and furnished the facts on which the Board have been enabled to save large sums to the State, and fully believing that the said clerk is entitled to extra pay for extra work after hours the same as the clerks in the other offices, and being convinced after full inquiry that the extra time which the said clerk has worked for the State of Michigan is more than one full month of legal hours, therefore

Resolved, That we do hereby allow to Milton A. Bretz the following account:

To Milton A. Bretz, Dr., one month's extra time, \$133.33.

Treasurer Braastad offered the following resolution:

Resolved, That in accordance with the resolution adopted by the Senate July 1, 1891, as appears by the Senate Journal, page 1543, session 1891, the Board of State Auditors will hang in the Senate chamber the portrait of Hon. Thomas W. Palmer, referred to in the resolution above cited; the said full length portrait in oil to remain there as one of the permanent furnishings of the chamber and the property of the State of Michigan. The engineer of the capitol is hereby instructed to hang the portrait on the wall of Senate chamber at the place designed.

Which was unanimously adopted.

BOARD OF STATE AUDITORS.

9

January 2, 1893.

The Board of State Auditors met at their rooms in the capital. Present: Hon. John W. Jochim, Secretary of State; Hon. Joseph F. Hambitzer, State Treasurer, and Hon. John G. Berry, Commissioner of the State Land Office.

The Board organized by electing the Hon. John W. Jochim chairman.

On motion the following appointments were made:

Clerk of the Board—Marcus Petersen.

Bookkeepers—I. N. Jackson, Wm. H. Graham, Jacob Isenhardt.

Engineer—Thomas Hill.

Assistant Engineer—W. J. Bradner.

Day Police—J. E. Sherman, C. D. White.

Night Police—A. C. Cady, Geo. Wilcox.

Carpenter—J. A. Melius.

Stationer, Legislature—Charles Hasse.

Janitors—Insurance Department—George Prouty; Wm. Shaffer, George Randall, D. Armstrong.

Janitress—Rebecca Pattie.

January 25, 1893.

The Board of State Auditors met at their rooms in the capitol. Present: Hon. John W. Jochim, Secretary of State, chairman; Hon. Joseph F. Hambitzer, State Treasurer, and Hon. John G. Berry, Commissioner of State Land Office.

The clerk reported the allowance at the December meeting as \$19,154.43, and the disallowance \$3,240.43.

The clerk presented the report of the State Oil Inspector for the year ending December 31, 1892, as follows:

Number of barrels inspected	344,883
Amount received from deputy inspectors	\$44,834 79
Paid State Inspector's salary	\$1,550 00
Traveling expenses	216 34
Express	1 54
Telegraph	6 63
Printing	16 75
Deputy inspectors' salaries	18,086 98
Deputy inspectors' traveling expenses	3,023 15
Balance paid into State Treasury	21,959 46
	<u>\$44,834 79</u>
Vouchers from State Treasury, June 29, 1892	8,000 00
Vouchers from State Treasury, Jan. 17, 1893	13,959 46

The report of the State Oil Inspector for the quarter ending December 31, 1892, shows:

Receipts

\$16,783 91

DISBURSEMENTS.

State inspector's salary	\$375 00
Traveling expenses	72 20
Postage and stationery	4 36
Telegraphing	2 68
Printing	2 50
Deputy inspectors' salaries	4,846 68
Deputy inspectors' traveling expenses	1,084 48
Cash to balance	10,396 48
	<u>\$16,783 91</u>

The clerk presented the following statement of all rents received during the month of January as per vouchers of the State treasury.

1892.		
Dec. 29.	Jas. L. Millard, room 9, 3d floor, for December	\$3 00
31.	J. A. Fowler, room 10, 3d floor, for Dec. 10 to 31	5 55
30.	Hugh Guy, room 16, 3d floor, to Jan. 1, 1893	2 00

1893.		
Jan.	4. Rob't J. Black, room 15, 3d floor, to Jan. 1, 1893	\$3 00
	4. Ingham County Savings Bank, middle store	50 00
	10. Grand River Boat Club, rooms 2d floor	25 00
	13. V. R. Canfield, south store	37 50
	14. T. & T. Construction Co., rooms 11 and 12, 3d floor	6 00
	14. Mrs. Mary Kitson, room 8, third floor to Feb. 1	3 00
	17. R. B. Shank & Co., corner store and room 6 to Jan.	77 50

DELINQUENTS.

Charles J. Towne, room 13, January; James B. Salspaugh, room 0, January; James A. Fowler, room 10, January; J. L. Millard, room 9, January; Mrs. K. H. Blair, part of room 17, from January 15; Miss Laura Bingham, part of room 17, from January 15; Mrs. A. E. Silk, room 14, January.

Respectfully submitted,
 MARCUS PETERSEN,
 Clerk.

The application of Mrs. M. C. Spencer, for permission to send the supreme court reports to the judge of the new judicial circuit was referred to the Attorney General.

On motion of the Hon. John W. Jochim, all janitors and all laborers employed by the Board were ordered placed on the engineer's pay roll, and under his orders.

On motion of Commissioner Berry, J. H. Cole was allowed the sum of \$300 per annum as secretary of the Board of Inspectors and the Board of Pardons.

Mr. W. M. Featherly appeared before the Board in regard to his claim for publishing the list of delinquent taxes in Isoco county in 1891. On motion he was instructed to put his claim in tangible shape and refer it to the Auditor General and Attorney General for their reports.

On motion of Commissioner Berry, all bills for typewriters were ordered held up and the clerk instructed to investigate same and report at next meeting.

On motion of Commissioner Berry, the name of Cornelius Van Halteren was substituted for that of Jacob Eisenhardt as assistant bookkeeper to the Board of State Auditors.

On motion of Commissioner Berry, the clerk was ordered to purchase the furniture ordered by the Senate committee on supplies and to get caps for the capitol police.

The application of L. A. Hall and his endorsements was presented by Senator Hopkins and ordered filed.

A letter from Mrs. C. H. Eckhardt, relative to picture of George Washington, was laid over for future consideration.

The bill of L. E. Rowley, for publishing the official canvass, was laid over until the next meeting.

On motion of State Treasurer Hambitzer, the salary of the clerk of the Board was fixed at \$1,800 per year.

On motion of Commissioner Berry, Chairman Jochim was a committee of one to make arrangements for securing more office room for the Board.

The following resolution offered by State Treasurer Hambitzer and adopted:

Resolved, That the agents of the Board of Charities and Corrections for the various counties be required to furnish itemized statements in accordance with a circular issued by the clerk of the Board.

Resolved, That all claims to be passed upon by this Board shall be fully itemized and filed with the clerk of this Board not later than the Saturday preceding each regular meeting of the Board.

February 22d being a legal holiday the Board adjourned to Thursday, February 23.

February 23, 1893.

The Board of State Auditors met at their rooms in the State capitol. Present: Hon. John W. Jochim, Secretary of State; Hon. Joseph F. Hambitzer, State Treasurer, and Hon. John G. Berry, Commissioner of the Land Office.

The clerk reported the allowances at the January meeting as \$18,196.80, and the disallowances as \$1,456.95.

The clerk presented the following statement of all rents and moneys received for the month of February by the clerk of the Board of State Auditors, as per State Treasurer's receipts rendered:

Jan. 29.	Jas. B. Salspaugh, room 0, 2d floor, January and February	\$10 00
30.	James L. Millard, room 9, 3d floor, January	3 00
Feb. 1.	Mrs. K. H. Blair, part of room 17, 3d floor, January and February	2 00
2.	James A. Fowler, room 10, 3d floor, for January	8 33
2.	Ingham County Savings Bank, middle store, for February	50 00
6.	Grand River Boat Club, rooms 3, 4 and 5, 2d floor	25 00
6.	Robt. J. Black, room 15, 3d floor, February	3 00
6.	Hugh Guy, room 16, 3d floor, for February	2 00
9.	A. E. Silk, room 14, 3d floor, to March 15	6 00
15.	V. R. Canfield, south store	37 50
15.	John Horton, room 13, 3d floor, to March 15	3 00
15.	R. B. Shank & Co., corner store and room 6, February	77 50
16.	Miss Mary Kitson, room 8, to March 15	3 00
18.	T. & T. Construction Co., rooms 11 and 12, 3d floor	6 00
22.	Miss Laura Bingham, part of room 17, 3d floor	2 00
Delinquents: James L. Millard, room 9; James A. Fowler, room 10.		
Milton A. Bretz, for paper, etc.		2 44
Total		<u>\$240 77</u>

Respectfully submitted,

MARCUS PETERSEN,

Clerk.

Mr. Henry Humphrey appeared before the Board relative to his claim for services rendered under the direction of Auditor General Stone to enable the last administration to complete the report of the Board of Equalization in time. Claim allowed.

Mrs. Sarah E. Humiston's claim for additional bounty of \$50 was, upon the certification of the Adjutant General that the claim was just and had never been paid, allowed.

W. M. Featherly, of Au Sable, presented claim to the Board for publishing delinquent tax list in 1891, after the order given by Mr. Aplin for its publication had been countermanded by Auditor General Stone. Final action was deferred until the next meeting, Commissioner Berry being instructed to investigate the case fully.

The clerk submitted a report showing the annual receipts from the old State building and the Board decided not to dispose of it at present.

The typewriter bills held up at the last meeting were allowed, less the reduction of \$20.

The clerk presented the application of the librarian for a telephone and typewriter in the library. The requests were both granted.

The clerk was instructed to see that arrangements were made to properly credit the State printers for all paper used by them, so that an accurate account may be kept of all paper sent by the State to the printers.

The Auditor General was directed to procure the printing of the records in the two suits in chancery now pending before the Supreme Court, wherein the Oscoda Salt & Lumber Co. are complainants and the Attorney General is one of the defendants.

Judge Smith, attorney for Ransom D. Lyon, administrator of the estate of Frank M. Lyon, presented a claim against the State for compensation for the death of said Frank M. Lyon. Action was deferred pending the action of the Legislature upon a bill granting the relief asked for.

Mr. R. B. Shank, representing R. B. Shank & Co., appeared before the Board and asked consideration of his proposal to lease the corner store in the old State building for a period of ten years from June 1, 1893. The matter was laid over until the next meeting.

The clerk was instructed to advertise the folding beds in the store room for sale, and to ascertain the number of lights required to light the Capitol building and the expense of lighting the same for the past four years.

The clerk was also instructed to secure abstract of title and copy of deed conveying the Detroit high school property to the county of Wayne.

The claim of Joseph M. Baker, of Hillsdale county, for conveying Kate Brazee to the Industrial Home was disallowed because she was not accepted at said home.

The Board adjourned till Monday, March 27.

March 27, 1893.

The Board of State Auditors met at their office in Lansing at 2 p. m., Monday, March 27.

Present: Hon. John W. Jochim, Secretary of State, chairman; Hon. Joseph F. Ham-

bitzer, State Treasurer, and Hon. John G. Berry, Commissioner of the State Land Office. After discussing the electric light question the Board adjourned to meet at the same hour March 28.

The Board met at 2 p. m., Tuesday, March 28, pursuant to adjournment and visited the State property in Lansing.

The Board met at their office Wednesday, March 29, at 9:30 a. m., all members present, and proceeded with the transaction of regular business.

The clerk reported the allowances at the February meeting as \$20,066.01, and the disallowances as \$338.30, with several bills held up.

The clerk presented the following statement of rents received for the month of March, as per State Treasurer's receipts rendered:

Feb. 28.	Ingham County Savings Bank, middle store, for March.....	\$50 00
March 22.	V. R. Canfield, south store, for March.....	37 50
22.	T. & T. Construction Co., rooms 11 and 12, 3d floor.....	6 00
15.	R. B. Shank & Co., corner store and room 6.....	77 50
8.	R. J. Black, room 15, 3d floor.....	3 00
8.	John Davis, room 16, 3d floor.....	3 00
8.	Grand River Boat Club, rooms 2, 3, 4 and 5, 2d floor.....	25 00
2.	J. A. Fowler, room 10, 3d floor, for February.....	8 33
2.	Mrs. K. H. Blair, part of room 17, 3d floor.....	1 00
2.	Leroy Warren, room 7, for March and February.....	9 00
Feb. 28.	James L. Millard, room 9, 3d floor, for February.....	3 00
March 23.	Mary Kitson, room 8, 3d floor, to April 15.....	3 00
23.	John Horton, room 13, 3d floor to April 15.....	3 00

Delinquents: J. A. Fowler, room 10 for March; J. L. Millard, room 8 for March.

The Board ordered a telephone placed in the office of the Board of Charities and Corrections, and instructed the clerk to hurry the work on the Manual.

The clerk was instructed to notify the Senate that the State had no title to the Detroit High School property.

It was resolved that the lease of R. B. Shank & Co. be renewed upon the same terms upon the expiration of the present lease.

The clerk was authorized to arrange with O. L. McKinley for rental and care of lots.

The Railroad Commissioner was authorized to purchase a typewriter for his office and to print maps, and the Banking Commissioner was authorized to purchase a table for his office. The matter of purchasing a typewriter for the Labor Commissioner was referred to the clerk, and the clerk was instructed to purchase books for the United States circuit court for the 6th district.

The claims of S. G. Earl, E. Taylor and D. D. Thorp were referred to the Attorney General.

The following resolution was adopted:

Whereas, Under the present system of purchasing supplies, contract goods are constantly being ordered from parties other than those holding the State contracts, to the embarrassment of the Board; and *whereas* it is the sense of the Board that a large sum can be saved to the State annually by securing prices on goods not in the contracts before they are ordered. Therefore be it

Resolved, That the Board of State Auditors will audit no bill for supplies of any kind, the purchase of which has not been authorized by this Board or their representative. That the clerk of the Board be instructed to notify the heads of the different departments, and all other persons who have heretofore been in the habit of purchasing supplies, that after April 1, 1893, supplies will be furnished upon a requisition made upon the Board of State Auditors, who will promptly attend to ordering the goods called for. And it is further

Resolved, That this resolution refers to all articles, the bills for which are passed upon by the Board of State Auditors.

After considering the cases of F. C. Harvey and Mrs. Sophia Brewer, referred to the Board of State Auditors by a concurrent resolution of the Legislature, an adjournment was taken to March 30.

March 30, the clerk was instructed to purchase a desk for the Board of Health, and to serve notice on the assistant engineer that his services would not be required after April 30.

The bids for folding beds were opened and the one taken from the Lieut. Governor's room was awarded to Representative Hoyt for \$7, and the one taken from the Governor's room to John Holbrook for \$40.

The Featherley claim was considered and final action deferred until the next meeting. The claim of F. C. Harvey was allowed at \$1,250, and the claim of Mrs. Sophia Brewer at \$3,000.

April 26, 1893.

The Board of State Auditors met at their rooms in the State capitol at Lansing at 9 a. m.

Present: Hon. John W. Jochim, Secretary of State; Hon. Joseph F. Hambitzer, State Treasurer, and Hon. John G. Berry, Commissioner of the State Land Office.

The clerk reported the allowances at the March meeting as \$25,949.76, and the disallowances as \$649.70.

The clerk presented the following statement of all rents received for the month of April, as per State Treasurer's receipts rendered:

April 1.	James L. Millard, room 9, 2d floor, for March	\$3 00
1.	Miss Laura Bingham, part of room 17, 3d floor, to May 15	2 00
1.	Ingham County Savings Bank, middle store	50 00
1.	James Salspaugh, room 0, 2d floor, for March	5 00
8.	J. A. Fowler, room 10, 3d floor, for March	8 33
8.	Mrs. K. H. Blair, part of room 17, 3d floor, April	1 00
13.	Grand River Boat Club, rooms, 2, 3, 4 and 5, 2d floor	25 00
13.	V. R. Canfield, south store. April	37 50
13.	Robt. J. Black, room 15, 3d floor	3 00
13.	John Davis, room 16, 3d floor	3 00
25.	R. B. Shank & Co., corner store and room 6, 3d floor	77 50
25.	Miss Mary Kitson, room 8, 3d floor, to May 15	3 00
Total		\$218 33

Delinquents: J. L. Millard, room 9, April; J. A. Fowler, room 10, April; J. Salspaugh, room 0, April; T. & T. Construction Co., rooms 11 and 12.

The clerk presented the report of the State Oil Inspector, which checked up with the reports received from the deputy oil inspectors, for the quarter ending March 31, 1893; as follows:

Receipts ----- \$13,620 10

DISBURSEMENTS.

State Oil Inspector's salary	\$375 00	
traveling expenses	31 40	
postage and stationery	4 45	
printing	2 75	
telegraphing	1 87	
Deputy oil inspectors' salaries	4,656 34	
traveling expenses	840 76	
Balance due the State	7,707 53	
		\$13,620 10

The claim of W. M. Featherley was allowed at \$55.00, being the amount of the bill rendered by him June 22, 1891, and disallowed by the former Board.

The clerk was instructed to notify the superintendent to place Jacob Bonn on the pay roll as janitor with a salary of \$60.00 per month, and to increase Mrs. Pattie's salary to \$60.00.

Adjutant General Eaton was given authority to appoint a man to take charge of the museum, at an expense of \$50.00 per month.

The clerk was instructed to purchase the necessary carpets and furniture for the Labor Commissioner's office.

A resolution was adopted providing that the Lieutenant Governor's room should remain in his possession after the adjournment of the legislature, with the furniture undisturbed.

On motion the Board adjourned till 9 a. m., April 27.

Pursuant to adjournment the Board met at the above hour to confer with Messrs. F. B. Johnson, Chas. Cannell and J. Stahl, representing the Lansing Electric Company. Upon motion of Mr. Berry, the clerk was instructed to procure for these gentlemen

information as to the number of lights required and the amount of wiring necessary to light the capitol entirely by electricity, in order that they might be enabled to present a proposition to the Board at their next meeting for furnishing the lights required.

Mr. Corcoran appeared before the Board in the interest of the Presque Isle Lumber Co., but a consideration of the claim was laid over to May 10, pending the action of the legislature upon Senate joint resolution No. 15.

The Board decided to allow the bill of D. D. Thorp, for stamping the Supreme Court reports at the contract price, but instructed the clerk to notify the said Thorp that this Board will allow no bills in future, unless the work has been done by order of the Board of State Auditors.

May 10, 1893.

The Board of State Auditors met pursuant to public notice published according to law, and proceeded to open the bids for stationery, paper and coal, in the presence of the bidders.

The bid of Ihling Bros. & Everard for stationery was opened, and being in proper form was received and read.

The bid of Theodore L. Backus was opened, for stationery, and being in proper form was received and read.

The bid of A. M. Emery for stationery was opened, and being in proper form was received and read.

The bid of Diem & Wing, for stationery, was opened and read. This proposal only bid on part of the articles mentioned in the specifications.

The bid of Ihling Bros. & Everard, of Kalamazoo, for lithographing, was opened and being in proper form was received and read.

The bid of Theodore L. Backus, for lithographing, was opened and being in proper form was received and read.

The bid of Diem & Wing, for print and book paper, was opened and being in proper form was received and read.

The bid of the Chatfield & Woods Co. was opened, for print and book paper, and being in proper form was received and read.

The bid of the Michigan Wood Pulp Co., for print and book paper, was opened and being in proper form was received and read.

The bid of the Kalamazoo Paper Co., for print and book paper, was opened and being in proper form was received and read.

The bid of the Three Rivers Paper Co. was opened, and being in proper form was received and read.

The bid of the Lansing Fuel Co., for coal, was opened and being in proper form was received and read. Price, \$6.23 per ton.

The bid of Wells & Clear, for coal, was opened and being in proper form was received and read. Price, \$6.29 per ton.

The bid of V. R. Canfield, for coal, was opened and being in proper form was received and read. Price, \$6.33 per ton.

The bid of Frank W. Moore, for coal was opened and being in proper form was received and read. Price, \$6.16 per ton.

The bids were read in the presence of the bidders, and the coal contract was awarded to Frank W. Moore, the lowest bidder, at \$6.16 per ton. The contract for supplying the law and manual paper was awarded to the Kalamazoo Paper Co. upon their bid of .0464 per pound. The laws No. 2 S. and C. and .0539, for manual No. 1 S. & S. C. The contract for supplying news print paper was awarded to the Three Rivers Paper Co. upon their bid of .0314 per pound.

The consideration of the stationery bids was deferred until May 31.

May 31, 1893.

The Board of State Auditors met at their office in the Capitol, at Lansing, May 31, 1893. Present, Hon. John W. Jochim, Hon. Joseph F. Hambitzer and Hon. John G. Berry. The following report was received: Claims presented at the meeting amounted to \$24,661.80; amount allowed, \$23,606.56; disallowed, \$1,053.24.

The clerk showed receipts from the State Treasurer for rents turned in as follows:

April 28, John Horton, April 15 to May 15, 1893; room 13.....	\$3 00
May 1, T. T. Construction Co., April, 1893; rooms 11 and 12.....	6 00
Mrs. A. E. Silk, March 15 to June 15, 1893; room 14.....	6 00
J. A. Fowler, April, 1893; room 10.....	8 33
J. L. Millard, April, 1893; room 9.....	3 00
16, James Salspaugh, April, 1893; room 0.....	5 00
Mrs. K. H. Blair, part of room 17, May, 1893.....	1 00
J. Davis, May, 1893; room 16.....	3 00
2, R. J. Black, May, 1893; room 13.....	3 00
Grand River Boat Club, May, 1893; rooms 2, 3, 4 and 5.....	25 00
31, R. B. Shank & Co., May, 1893; corner store and 7.....	77 50
V. R. Canfield, May, 1893; south store.....	37 50
	<u>\$178 33</u>

Delinquent: J. Salspaugh, room 8; J. L. Millard, room 9; J. A. Fowler, room 10; Ingham County Savings Bank, middle store.

The board examined the executive office and the Governor's rooms, and instructed Mr. Hill to refurnish same under the Governor's instructions.

Permission was granted R. B. Shank & Co. to cut an arch in the old State building, connecting the corner store with the room back of the bank. And the clerk was instructed to make a lease with said R. B. Shank & Co., upon the expiration of their present lease, renting them the corner store from July 1, 1893, to April 1, 1902, for the sum of \$7,875, payable *pro rata*, monthly.

Messrs. Taggart and Butterfield appeared before the board relative to their claim against the State for legal services rendered, and presented their evidence. The Board reserved its decision.

AWARDING OF STATIONERY CONTRACT.

For the period commencing July 1, 1893, and ending June 30, 1895, to Ihling Bros. & Everard, Kalamazoo, Mich., according to the terms of bid No. 1 and advertisement of the Secretary of State, dated at Lansing, April 7, 1893, at the following prices, to wit:

BLOTTING PAPER, ALL WEIGHTS AND COLORS.

Item No.	Description of articles.	Price as per samples submitted.
1	Best quality, white or colored.....	per pound 13c
2	Medium quality.....	" " 10c
2 A	Second quality.....	" " 08c

MANILLA PAPER, ALL REGULAR WEIGHTS AND SIZES.

3	Bogus.....	per pound 08c
4	Calendar.....	" " 06½c
5	Rope.....	" " 08½c
6	Coarse wrapping.....	" " 02½c
7	Postoffice paper, all weights.....	" " 08c
8	Cover paper, all weights and colors.....	" " 07c
9	Cardboard, thick red china, 22x28.....	per thousand sheets \$19 00

BOND PAPER.

10	Folio post, 17x22, No. 21, Parsons.....	per thousand sheets \$18 20
11	Royal, 19x24, No. 21, Parsons.....	" " " 20 30
12	Double cap, 17x28, No. 21, Parsons.....	" " " 21 00
13	Folio post, 17x22, No. 25, Parsons.....	" " " 21 00
14	Royal, 19x24, No. 25, Parsons.....	" " " 22 80
15	Double cap, 17x28, No. 25, Parsons.....	" " " 25 20
15½	Crane's, all sizes as per sample book, 20 per cent from list.....	

PAPER—NOTE, LETTER AND FOOLSCAP, RULED.

16	Laid or woven, extra superfine, all regular wts. Old Berkshire.....	per pound 18c
17	Linen, laid or wove, high finish, all regular weights.....	" " 25c
17 A	Linen, laid or wove, Irish linen.....	" " 35c
17 B	Linen, laid or wove, hand finish.....	" " 50c

LEGAL CAP.

18	Laid or wove, all regular weights, Old Berkshire.....	per pound 18c
18 A	Laid or wove, all regular weights.....	" " 15c
19	Woven, superfine, numeral, all regular weights.....	" " 22c
20	Line ledger, regular weights.....	" " 25c

FLAT PAPER.

Item No.	Description of articles.	Price as per samples submitted.
21	Fine, all regular weights and sizes.....	per pound 1¼c
21 A	Fine, all regular weights and sizes.....	" " 09¼c
22	Superfine, all regular weights and sizes.....	" " 13¼c
22 A	Superfine, all regular weights and sizes.....	" " 12c
23	Antique, all regular weights and sizes. Old Berkshire.....	" " 17c
24	Laid, all linen, all regular weights and sizes. Hornet.....	" " 25c
25	Extra superfine, laid or wove, all regular weights and sizes. Old Berkshire.....	" " 16c
26	Linen, No. 1, laid or wove, all regular weights and sizes. American bond.....	" " 13c
27	Linen, No. 2, laid or wove, all regular weights and sizes. Victor bond.....	" " 15c
27 A	Linen, No. 2, laid or wove, all regular weights and sizes. Postal linen.....	" " 11c
28	Linen ledger, No. 1, all regular weights and sizes. Byron Weston's.....	" " 24c
28 A	Linen ledger, No. 1, all regular weights and sizes. Scotch linen ledger.....	" " 21c
29	Linen ledger, No. 2, all regular weights and sizes.....	" " 16c

PENCILS.

Pencils, black, round, standard makers.

30 A	Faber's round gilt.....	per gross \$4 46
30 B	Dixon's, No. 154.....	" " 3 00
30 C	American, No. 31.....	" " 3 00
30 D	Dixon's No. 481.....	" " 3 00
30 E	Eagle, office.....	" " 4 40
30 F	Eagle, No. 211 to 215.....	" " 3 25

Pencils, black, hexagon, standard makers.

31 A	Faber's Hexagon.....	per gross \$6 10
31 B	Faber's Siberian.....	" " 10 00
31 C	Dixon's, No. 117.....	" " 5 25
31 D	American, No. 114.....	" " 4 25
31 E	Thilling Bros. & Everard Hexagon.....	" " 3 25
31 F	Thilling Bros. & Everard Hexagon, rubber tip.....	" " 3 50
31 G	Eagle Hexagon, No. 571 to 575.....	" " 4 25

Pencils, fine colored, blue, standard makers.

32 A	American B B.....	per gross \$4 50
32 B	American, No. 107.....	" " 2 50

Pencils, fine colored, red, standard makers.

33 A	American R B.....	per gross \$4 50
33 B	American No. 107.....	" " 2 50

Pencils, fine colored, green, standard makers.

34 A	American G G.....	per gross \$4 50
34 B	American, No. 107.....	" " 2 50
35	Pencils, colored, unfinished wood, blue, red or green, standard makers, American.....	" " 3 00
36 A	Automatic pencils, indelible, standard makers.....	per dozen 1 50
37 A	Leads for automatic indelible pencils, standard makers.....	per dozen boxes 75

PENS.

All standard makes, no seconds, any number of point called for.

38 A	Esterbrook's Nos. 1170, 161F, 161B, 239, 26, 182, 180, 126, 128, 333, 444, 122, 284, 256, 235, 1876, 2, 312, 792, 048, 92, 79, 139, 1743, 322, 9, 14, 81.....	per gross 47c
38 B	Spencerian, any number.....	" " 75c
38 C	Perry & Co's any number.....	" " 30c
38 D	Esterbrook's No. 340 B.....	" " \$3 25
38 E	Glennium, any number.....	" " 1 50
38 F	Gillott's No. 359.....	" " 4 00
38 G	Gillott's No. 290, 291.....	" " 3 00
38 H	Gillott's No. 436.....	" " 2 00
38 I	Gillott's No. 907-333.....	" " 95c
38 J	Gillott's No. 357.....	" " 1 10
38 K	Gillott's Nos. 1-164-339-287-308.....	" " 35c
38 L	Gillott's Nos. 166, 601 F, 601 E.....	" " 80c
38 M	Gillott's Nos. 168, 375, 179, 884, B.....	" " 90c
38 N	Gillott's No. 604.....	" " 90c
38 O	Gillott's Nos. 351, 352.....	" " 55c
38 P	Gillott's Nos. 349, 359, 425.....	" " 50c
38 Q	Gillott's Nos. 332, 390.....	" " 45c
38 R	Gillott's Nos. 906, 908, 404.....	" " 45c
39	Stylographic Pens.....	each 60c

SEALING WAX.

40	Sealing wax.....	per pound 22c
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PEN HOLDERS.		
Item No.	Description of articles.	Price as per samples submitted.
41	Cork.....	per dozen 75c
42	Assorted, put up in boxes of six dozen, each dozen assorted.....	per gross \$3 40
43	Rubber or gutta percha, Nos. 1, 2 or 3.....	per dozen 1 00
43 A	Rubber or gutta percha, No. 3, chased end.....	" " 1 25
44	Combined wood and rubber, Nos. 1, 2, 3 and 4.....	" " 40c
44 A	Combined wood and rubber, bank.....	" " 60c
44 B	Combined wood and rubber, Era.....	" " 60c

NOTARIAL WAFERS.

45	Size 5.....	per box 20c
46	Size 8.....	" " 25c

NOTARIAL SEAL.

47	No. 14, red.....	per thousand \$1 10
48	No. 18, red.....	" " 1 35
49	No. 14, gilt.....	" " 2 10
50	No. 18, gilt.....	" " 2 50

INKS.

Writing fluid, best quality, standard makers, full quarts.

51	Sanford's premium fluid.....	per dozen quarts \$4 20
51 A	Arnold's fluid.....	" " 4 60
51 B	Carter's fluid.....	" " 4 20
51 C	Stafford's commercial fluid.....	" " 4 75
51 D	Stafford's universal fluid.....	" " 4 75

Copying ink, best quality, standard makers, full quarts.

52	Sanford's French copying.....	per dozen quarts \$4 50
52 A	Sanford's black copying fluid.....	" " 6 50
52 B	Stephens' blue black.....	" " 8 00

Combined writing and copying ink, best quality, standard makers, full quarts.

53	Sanford's combined.....	per dozen quarts \$5 40
53 A	Carter's.....	" " 6 50

Black ink, best quality, standard makers, full quarts.

54	Sanford's star black.....	per dozen quarts \$4 00
55	Carminc ink, best quality, standard makers, full pints.....	" " pints 8 00
55 A	New York carmine.....	per quart 2 00
55 B	Sanford's cardinal red.....	per dozen pints 6 50
56	Carminc copying ink, best quality, standard makers, full pints.....	" " pints 8 00

MUCILAGE.

57	Mucilage, best quality.....	per dozen quarts \$8 50
57 A	Mucilage, best quality.....	" " 6 50
57 B	Mucilage.....	" " 6 50

RUBBER.

58	Faber's Para, 12s, 20s, 30s, 40s.....	per pound 90c
58 A	Anchor, 12s, 20s, 30s, 40s.....	" " 75c
58 B	Multiplex, 12s, 20s, 30s, 40s.....	" " \$1 75
58 C	Faber's artist.....	" " 95c
58 D	Faber's typewriter, No. 102.....	per dozen 40c
58 E	Faber's circular.....	" " 50c
59	American peerless.....	" " 2 50
59 A	Eagle double wedge, large.....	" " 1 40
59 B	Faber's large pencil and ink.....	" " 1 70
59 C	Faber's small pencil and ink.....	" " 1 00
60	Rubber bands, best quality, put in gross boxes, per gross as follows:	
	0%.....	45c
	00%.....	55c
	000%.....	70c
	0000%.....	80c
	00%.....	1 10
	000%.....	1 35
	0000%.....	1 60
	000%.....	1 80
	11.....	08c
	13.....	19c
	14.....	11c
	16.....	12c
	19.....	17c
	21.....	35c
	33.....	45c

SPONGE CUPS.

Item No.	Description of articles.	Price as per samples submitted.
61	Thick glass, three inch.....	per dozen 60c
62	Thick glass, four inch.....	" " 75c
62 A	Fountain.....	each 50c

MUCILAGE POTS, WITH BRUSH TO EACH.

63	Reservoir, 5 oz., best quality.....	per dozen \$2 00
64	Reservoir, 10 oz., best quality.....	" " 3 00
64 A	Reservoir.....	" " 6 50
65	New designs.....	each 25c
65 A	.....	" 30c

INK STANDS.

66	Round, glass, 2½ inch.....	per dozen \$1 75
67	Round, glass, 3 inch.....	" " 2 00
68	Round, glass, 3½ inch.....	" " 2 50
69	Square, glass, 2½ inch, best quality.....	" " 3 25
70	Square, glass, 3½ inch, best quality.....	" " 13 00
71	Glass, double.....	" " 17 75
72	Assortment.....	" " 9 00
72 A	Darling, No. 1.....	each 1 50
72 B	Darling, No. 2.....	" 1 25
72 C	Cut glass with pen rack, A.....	" 1 75
72 D	Cut glass with pen rack, C.....	" 1 25
72 E	Paragon.....	" 50c
72 F	Paragon, Jr.....	" 25c
72 G	P. S. & W., No. 205.....	" 1 75
72 H	Tatum glass.....	" 15c
72 I	Tatum, No. 444.....	" 1 00
72 J	Tatum, No. 130.....	" 1 50
72 K	Tatum, No. 232.....	" 2 00
72 L	Tatum, No. 322.....	" 2 25
72 M	P. S. & W., No. 123.....	" 1 10
72 N	Tatum's No. 134, ebony.....	" 2 50
72 O	Davis' automatic.....	" 1 50
73	Steel erasers, spear, best quality.....	per dozen 2 25
74 A	Steel erasers, knife, best quality.....	" " 6 75
74 B	Steel erasers, knife, best quality.....	" " 3 25
74 C	Steel erasers, knife, best quality.....	" " 2 75
75	Ivory folders, 10 inch.....	" " 6 75
75	Ivory folders, 9 inch.....	" " 6 00
75 A	Ivory folders.....	" " 2 75
75 B	Ivory folders.....	" " 3 25
76	Bone folders.....	" " 1 50
77	Paper knives, 4½ inch.....	" " 8 00
77 A	Paper knives.....	" " 4 25
77 B	Paper knives.....	" " 4 00
78	Paper knives, 6 inch.....	" " 6 25
78 A	Paper knives, 6 inch.....	" " 7 25
78 B	Paper knives, 6 inch.....	" " 5 75
79	Paper weights, iron.....	" " 4 00
79 A	Paper weights, iron.....	" " 2 75
79 B	Paper weights, iron.....	" " 2 00
79 C	Paper weights, iron.....	" " 3 00
79 D	Paper weights, iron.....	" " 2 25
79 E	Paper weights, iron.....	" " 1 75
79 F	Paper weights, iron.....	" " 1 40
80	Paper weights, oblong.....	" " 14 00
80 A	Paper weights, oblong.....	" " 12 00
80 B	Paper weights, oblong.....	" " 18 00
81	Paper weights, bronze.....	" " 4 00
82	Paper weights, glass.....	" " 5 00

CLIPS.

83	No. 0.....	per dozen 45c
84	No. 1.....	" " 70c
85	No. 2.....	" " \$1 00
86	No. 3.....	" " 1 50
86 A	.....	" " 4 50
86 B	.....	" " 6 00
89	H. L. eyelets.....	per thousand 95c
90	J. N. eyelets.....	" " 25c
91	D. B. eyelets.....	" " 25c
92	Fasteners, flat.....	" " 30c
92 A	Fasteners, flat.....	" " 1 00
92 B	Fasteners, flat.....	" " 1 20
92 C	Fasteners, flat.....	" " 1 40

Item No.	Description of articles.	Price as per sample submitted.
93	Fasteners, round.....	per thousand \$1 00
93 A	Fasteners, round.....	" " 1 20
93 B	Fasteners, round.....	" " 1 60
93 C	Fasteners, round.....	" " 2 00
94	Eyelet punch and set.....	each 1 37½

LETTER BOOKS.

95	10x12, half bound, 700 pages.....	each \$1 25
96	10x12, full bound, 1,000 pages.....	" 2 00
97	12½x19, half bound, 1,000 pages.....	" 3 00
98	Copying brushes, 3¼ inch.....	per dozen 2 60
99	Water bowl for same.....	each 40c
99 A	Water bowl for same.....	" 35c
99 B	Water bowl for same.....	" 30c
99 C	Water bowl for same.....	" 15c
100	Letter book dampeners, 10x12.....	" 2 20
101	Letter book dampeners, 10x15.....	" 2 80
102	Rulers, brass, 12 inch.....	per dozen 90c
102 A	Rulers, brass, 12 inch.....	" 1 75
103	Rulers, brass, 18 inch.....	" 1 20
103 A	Rulers, brass, 18 inch.....	" 2 25
104	Rulers, brass, 24 inch.....	" 1 90
105	Rulers, flexible, 15 inch.....	" 2 90
106	Rulers, flexible, 18 inch.....	" 3 40
107	Ruling pens, improved points.....	" 5 50
107 A	Ruling pens, improved points.....	" 3 00
108	Ruling pens, 5½ inch.....	" 1 50
109	Red tape, No. 19, 72 yards on spools.....	" 2 50
110	Red tape, No. 21, 72 yards on spools.....	" 2 75
111	Red tape, No. 23, 72 yards on spools.....	" 3 00
112	Ribbon, red or blue, ¼ inch.....	per dozen rolls 1 90
113	Thumb tacks, No. 5½.....	per dozen 18c
114	Thumb tacks, No. 5.....	" 24c
115	Thumb tacks, No. 4.....	" 30c
116	Dividers, 5 inch.....	" 2 00
117	Board or pastboard clips, note.....	" 2 75
118	Board or pastboard clips, letter.....	" 3 00
118 A	Board or pastboard clips, letter.....	" 3 75
119	Board or pastboard clips, cap.....	" 3 25
119 A	Board or pastboard clips, cap.....	" 4 00
120	Hand blotters.....	" 3 15
120 A	Hand blotters.....	" 2 40
121	Pins, pyramid.....	" 65c
122	Pins, all numbers.....	per pound 50c

RUBBER COPYING SHEETS.

123	9x11.....	per dozen \$1 15
124	10x12.....	" " 1 20

TWINE.

125	Colored linen.....	per pound 42c
126	White linen.....	" 40c
127	Jute.....	" 09½c
128	Gray flax.....	" 18c
129	Tracing vellum, 30 inch.....	per roll \$5 00

MUSLIN BACK DRAWING PAPER.

130	54 inch German.....	per roll \$3 00
131	36 inch Eggshell.....	" 6 00
132	Lithographic plate, 7 inch, on 8½x10.....	each 02c

WASTE PAPER BASKETS.

133	No. 1.....	per dozen \$4 25
134	No. 2.....	" 5 00
135	No. 3.....	" 6 00

ANNUAL REPORT OF THE

TYPEWRITER SUPPLIES.

Item No.	Description of articles.	Price as per samples submitted.
136	Ribbons, copyable, black, green, purple, blue and red.....	per dozen 26 00
137	Ribbons, indelible, copyable.....	" " 7 50
138	Ribbons, black record.....	" " 7 50
138 A	Ribbons, black record.....	" " 6 00
139	Typewriter paper, pure linen, letter size.....	500 sheets 1 00
140	Typewriter paper, pure linen, cap size.....	500 sheets 1 10
141	Semi-carbon paper, letter size.....	per dozen sheets 38c
142	Semi-carbon paper, cap size.....	per dozen sheets 33c
143	Rubber hand dating stamps, bordered, square or oval, with type for hours, days, months, years, and other inscriptions as desired, different sizes.....	each 1 00
144	Same, self-inking.....	" 2 00
145	Rubber, fac similes of signatures.....	" 1 25
146	Pads for rubber stamps, 0.....	" 10c
146 A	Pads for rubber stamps, 1.....	" 25c
146 B	Pads for rubber stamps, 2.....	" 25c
147	Stenographer's note books, flexible paper covers, cloth back, to be made of paper suitable for writing with either pen or pencil, ruled on both sides.....	per dozen 1 20
148	Arm rests, mahogany, medium small.....	each 40c
148 A	Arm rests, mahogany, medium large.....	" 45c
149	Pen racks.....	" 12c
149 A	Pen racks.....	" 10c
149 B	Pen racks.....	" 15c
149 C	Pen racks.....	" 17c
149 D	Pen racks.....	" 15c
150	Sponge in small pieces, for sponge cups, best quality.....	per pound 1 60
150 A	Sponge in small pieces, for sponge cups, extra quality.....	per hundred 4 00

ENVELOPES.

Manilla, 28 pound paper, X, high cut.

151	No. 6.....	per thousand 41c
152	No. 6½.....	" " 46c
153	No. 7.....	" " 59c
154	No. 8½.....	" " 66c
155	No. 9.....	" " 70c
156	No. 10.....	" " 73c
157	No. 11.....	" " 94c
158	No. 12.....	" " \$1 01
159	No. 14.....	" " 1 08

Manilla, 36 pound paper, XX, high cut.

160	No. 6.....	per thousand 55c
161	No. 6½.....	" " 62c
162	No. 7.....	" " 68c
163	No. 8½.....	" " 77c
164	No. 9.....	" " 90c
165	No. 10.....	" " 95c
166	No. 11.....	" " \$1 20
167	No. 12.....	" " 1 25
168	No. 14.....	" " 1 30
169	No. 9, Manilla, high cut, 36 pound.....	" " 90c
170	No. 10, Manilla, high cut, 36 pound.....	" " 95c
171	5 x 11½, Open end, extra heavy.....	" " \$4 00
172	5½ x 11¾, Open end, extra heavy.....	" " 4 10
173	5½ x 12½, Extra heavy.....	" " 4 40
174	5½ x 14, Extra heavy.....	" " 5 75
175	6½ x 10, Portfolio, extra heavy.....	" " 4 00
176	7½ x 10½, Open end, extra heavy.....	" " 4 75
176½	8½ x 10½, Open end, extra heavy.....	" " 5 00

Rope, manilla, 36 pound, XX, high cut.

177	No. 6.....	per thousand 75c
178	No. 6½.....	" " 86c
179	No. 7.....	" " 90c
180	No. 8½.....	" " \$1 00
181	No. 9.....	" " 1 20
182	No. 10.....	" " 1 30
183	No. 12.....	" " 1 75
184	No. 14.....	" " 1 90

Amber or other colors, 53 pound paper, XX, high cut.

185	No. 6.....	per thousand 94c
186	No. 6½.....	" " \$1 06
187	No. 7.....	" " 1 24
188	No. 8½.....	" " 1 45
189	No. 9.....	" " 1 58
190	No. 10.....	" " 1 68
191	No. 11.....	" " 2 10
192	No. 12.....	" " 2 21
193	No. 14.....	" " 2 53

Item No.	Description of articles.	White, 53 pound paper, XX, high cut.	
		per thousand	Prices as per samples submitted.
194 No. 6.	per thousand	94c
195 No. 6½	" "	\$1 06
196 No. 7.	" "	1 24
197 No. 8½	" "	1 45
198 No. 9.	" "	1 53
199 No. 10.	" "	1 66
200 No. 11.	" "	2 10
201 No. 12.	" "	2 31
202 No. 14.	" "	2 53

White, 63 pound paper, XXX, high cut.

203 No. 6.	.....	per thousand	\$1 20
204 No. 6½	.....	" "	1 40
205 No. 7.	.....	" "	1 48
206 No. 8½	.....	" "	1 69
207 No. 9.	.....	" "	1 90
208 No. 10.	.....	" "	2 25
209 No. 11.	.....	" "	2 75
210 No. 12.	.....	" "	2 98
211 No. 14.	.....	" "	3 10

SPECIAL.

212 Tinted	.....	per thousand	\$1 40
213 Tinted	.....	" "	1 40
214 Tinted	.....	" "	1 85
215 Coin	.....	" "	50c
215 A Coin	.....	" "	60c
215 B Coin	.....	" "	65c
215 C Coin	.....	" "	70c
215 D Coin	.....	" "	75c
215 E Coin	.....	" "	95c

Cloth lined envelopes.

216 No. 8.	.....	per thousand	\$11 50
217 No. 9.	.....	" "	13 00
218 No. 10.	.....	" "	14 25
219 No. 11.	.....	" "	16 00
220 No. 12.	.....	" "	19 25

Linen envelopes.

221 No. 6.	.....	per thousand	\$1 25
222 No. 7.	.....	" "	1 75
223 No. 10.	.....	" "	2 25
224 No. 12.	.....	" "	2 60

LITHOGRAPHING.

1 For lithographing letter heads	.....	per thousand	\$3 00
2 For lithographing note heads	.....	" "	2 50
3 For lithographing envelopes, all sizes	.....	" "	2 50
4 For lithographing checks	.....	" "	4 00
5 For lithographing notary commissions	.....	" "	4 00
6 For lithographing marriage licenses	.....	" "	8 00

Wells & Clear, of Lansing, Mich., were awarded the contract for furnishing ice at the Capitol, from July 1, 1893, to June 30, 1895, they agreeing to deliver such quantities as may be needed at 15 cents per hundred pounds.

The Lansing Artificial Stone Company submitted a bid to lay a new sidewalk around the State building at the corner of Allegan and Washington streets, at twelve and one-half cents per square foot. The walk to be bedded in sand, and to have a three inch backing, 1 part to 6, and a ¾ inch face, 1 part to 2; and to be guaranteed for a period of five years. The engineer was instructed to have the walk laid according to the bid made.

The clerk and the assistant clerk were each voted an extra month's compensation for overtime during the session of the legislature and the awarding of the contracts.

The city electric light board appeared and submitted a proposition to light the capitol entirely with electric light, but no action was taken in the matter.

A special meeting was called for June 16 to pass upon the evidence in the Presque Isle Lumber Co. claim and others pending before the Board.

June 16, 1893.

Present: Hon. John W. Jochim, Hon. John G. Berry.

Pursuant to adjournment the Board met at the capitol to hear the report of the clerk on the electric light question, and to consider the evidence in the cases referred to the Board by the legislature. The final disposition of the electric light matter was laid over. The Board reserved their decision in the Presque Isle Lumber Co., and the Taggart & Butterfield cases.

Upon the request of the Quartermaster General, the clerk was instructed to have an extension built to the store house on block No. 124.

June 30, 1893.

The Board of State Auditors met in their office at the capitol in Lansing, June 30, 1893. Present: Hon. John W. Jochim, Hon. John G. Berry, and Hon. Joseph F. Hambitzer. The report of the business transacted at the last meeting showed claims audited to the amount of \$30,576.48; of which \$29,406.48 was allowed, and \$1,170.00 disallowed.

The clerk submitted receipts for the following amounts covered into the treasury for rents collected:

June 13.	J. L. Millard, May, 1893, room 9	\$3 00
13.	J. A. Fowler, May, 1893, room 10	8 33
13.	Grand River Boat Club, June, 1893, rooms 2, 3, 4, 5	25 00
16.	Laura Bingham, to June 15, part of room 17	1 00
16.	T. & T. Construction Co., May, 1893, rooms 11, 12	6 00
16.	Ingham County Savings Bank, April, May, 1893	100 00
16.	R. B. Shank & Co., corner store, June, 1893	75 00
16.	V. R. Canfield, June, 1893, south store	37 50
Total		<u>\$255 83</u>

The clerk reported that in accordance with instruction received from the Board, he had leased the rooms 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 to John Clear, of Lansing, for two years from June 1, 1893, with the understanding that they were to be put in order by the State, and Mr. Clear was to be allowed rebate on the rent for any time he was kept out of the premises by reason of such repairs. The terms of the lease make the rental \$912 for the two years, or \$38.00 per month. The lease was signed by the Board and the action of the clerk approved.

The contract bond of Messrs. Ihling Bros. & Everard for \$10,000, signed by Edwin J. Phelps and Frank Henderson, of Kalamazoo, as sureties, was accepted and filed and the contract signed.

The contract bond of the Three Rivers Paper Co. for \$10,000, signed by J. W. French and W. W. French, as sureties, was accepted and filed and the contract signed.

The contract bond of The Kalamazoo Paper Co. for \$5,000, signed by Edward Woodbury and Ira A. Ransom, of Kalamazoo, as sureties, was accepted and filed and the contract signed.

The contract bond of Frank W. Moore for \$5,000, signed by Alroy W. Wilbur and Frank L. Gardner, of Lansing, as sureties, was accepted and filed and the contract signed.

The clerk announced that the lowest bid received for building the extension to the store house, on block No. 124, was submitted by A. Jackson, who agreed to do the work for \$216.00. He was instructed to give Mr. Jackson the contract.

On motion the Board agreed to meet at Lansing July 7. After the transaction of the usual routine work the Board adjourned.

DEPARTMENT ACCOUNTS.

ANNUAL REPORT OF THE

Executive Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
June 20	Chilson, McKinley & Co., For 1 copy Lansing City Directory	\$3 00
	Telegraph & Telephone Construction Co. For rental of telephone from July 1 to October 1, 1892	10 00
	Western Union Telegraph Co., For messages for June 4 to 13	9 38
July 11	American Express Co., For express	45
July 20	R. L. Polk & Co., For 1 copy Lansing City and Ingham County Directory, 1892, as per contract	5 00
	<i>Allowed August 21, 1892.</i>	
	Seymour Foster, For rent of P. O. drawer H, for quarter ending September 30	1 00
	Michigan Bell Telephone Co., For messages, July 6 to 11	75
	Western Union Telegraph Co., For messages, July 8 to 30	2 80
	<i>Allowed September 26, 1892.</i>	
	Michigan Bell Telephone Co., For messages for August	2 25
	Western Union Telegraph Co., For messages, August 15, 16, 25	1 81
	American Express Co., For express, August 10 and 17	60
	<i>Allowed October 26, 1892.</i>	
	Executive Department: For postage	20 00
	Telegraph & Telephone Construction Co., For rent of telephone from October 1, 1892, to January 1, 1893	10 00
	Western Union Telegraph Co., For messages, September 1 to 10	81
	<i>Allowed December 26, 1892.</i>	
Oct. 27	National Express Co. For express from Detroit	2 50
Dec. 26	Seymour Foster, P. M., For rent of drawer H, for executive, for quarter ending December 31, 1892	1 00
	Michigan Bell Telephone Co., For messages from November 11 to November 29, inclusive	2 00
	<i>Allowed January 25, 1893.</i>	
Jan. 24	Executive Office, For postage for month of January, 1893	10 00
	February, 1893	15 00
Dec. 16	Postal Telegraph Co., For 1 message to Phillips, Port Huron	25
	Michigan Bell Telephone Co., For messages from December 22 to 30, 1892	50
Jan. 11	A. M. Emery, For ½ dozen 9 in. shears	3 75
Dec. 27	Western Union Telegraph Co., For message to Jefferson City, Mo.	83
	<i>Allowed February 23, 1893.</i>	
	Executive Office, Postage for month of March, 1893	15 00
	Postal Telegraph Co., Telegrams from January 10, 1893, to January 24, inclusive	1 00
Feb. 10	Seymour Foster, P. M., Rent of drawer H, for quarter ending March 31, 1893	1 00
Feb. 2	A. M. Emery: 5 dozen sheets carbon paper, item 143	1 75
	Western Union Telegraph Co., Messages from January 4 to 31, 1893, inclusive	3 89
	American Express Co., Express from November 28 to 29, 1892, inclusive	30
	Amount carried forward	\$37 21

Executive Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 28, 1893.</i>	
Feb. 2	Amount brought forward.....	\$57 21
	Michigan Bell Telephone Co., Messages from January 3 to 31, 1893, inclusive.....	1 85
	<i>Allowed March 29, 1893.</i>	
	Executive Office, Postage for April, 1893.....	10 00
	National Express Co., Express February 7, 1893.....	25
	Western Union Telegraph Co., Messages from February 2, '93, to 27 inclusive.....	6 29
	Michigan Bell Telephone Co., Messages from February 2, '93, to 25 inclusive.....	1 05
	<i>Allowed April 26, 1893.</i>	
	Office Specialty Co., 15 indexes, 15c.....	2 40
	Western Union Telegraph Co., Messages from March 1, '93, to 31 inclusive.....	5 74
	Michigan Bell Telephone Co., Messages from March 3, '93, to 29 inclusive.....	1 25
	<i>Allowed May 31, 1893.</i>	
Jan. 27	The Smith Premier Typewriter Co., To merchandise as per invoice rendered.....	\$97 50
	Credit merchandise.....	47 50
	Balance.....	50 00
	Cora B. Weber, Typewriting for Executive Office.....	75
Apr. 26	Executive Office, Postage for May.....	10 00
	" " June.....	10 00
	Western Union Telegraph Co., Messages from April 1 to 28, '93, inclusive.....	4 42
	Postal Telegraph Co., Messages from April 10 to 28, '93, inclusive.....	2 21
	Michigan Bell Telephone Co., Messages from March 7 to ..., '93, inclusive.....	1 40
May 26	L. E. Bowley, Rent of drawer H for quarter ending June 30, 1893.....	1 00
	<i>Allowed June 28, 1893.</i>	
June 10	R. L. Polk & Co., 1 copy Michigan Gazetteer 1893-4.....	5 00
	Executive Office, Postage for July, 1893.....	20 00
	J. L. Prudmore, Hauling 4 boxes from P. O. to capitol.....	50
	Western Union Telegraph Co., Messages from May 8 to 31, 1893, inclusive.....	14 71
	Michigan Bell Telephone Co., Messages from May 25 to 28, 1893, inclusive.....	95
	United States Express Co., Express June 1, 1893.....	55
	Total for general allowance.....	\$307 63
	PRINTING.	
	<i>Allowed August 31, 1893.</i>	
Aug. 16	Robert Smith & Co., For 300 proclamations, extra session, sam. 82.....	\$3 25
	paper for same.....	75
	<i>Allowed September 28, 1893.</i>	
Sept. 17	Robert Smith & Co., For 1,000 proclamations, Columbus day, sam. 14.....	2 35
	paper for same.....	2 25
	Amount carried forward.....	\$7 60

Executive Department vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$7 00
Jan. 6	Robert Smith & Co.,	
	For 1,000 memo. of wishes, etc., sam. 14	2 85
	paper for same	2 25
	1,000 approval of bills, sam. 8	1 20
	paper for same	75
	200 instructions to applicants for requisitions, sam. 13	70
	paper for same	50
	4,000 applications, notary public, sam. 13	4 50
	paper for same	3 00
	200 regulation, commissioner of deeds, sam. 13	70
	paper for same	50
	200 applications, requisitions foreign states, sam. 30	2 15
	paper for same	2 00
	<i>Allowed February 23, 1898.</i>	
Jan. 23	Robert Smith & Co.,	
	For 1,000 order to commissioners, sam. 13	1 50
	paper for same	75
26	500 applications for requisitions, sam. 30	2 80
	paper for same	2 00
	100 blanks requesting signatures, sam. 14	1 00
	paper for same	25
	200 envelopes, private secretary, sam. 19	10
	500 " respectfully referred, etc., sam. 19	45
Feb. 6	500 proclamations, Blaine, sam. 82	3 75
	paper for same, 1/4 ream 15x23, 40 lb @ 20c	4 00
10	1,000 blank applications for notaries appointments, sam. 13	1 50
	paper for same	75
Feb. 4	Ihling Bros. & Everard	
	For 5 reams 12 lb O. E. letter paper @ 18c	10 80
	lithographing 5 M letter heads @ \$3.00	15 00
	blocking 5 M letter heads, 100 in block, @ 2c	2 00
	<i>Allowed April 26, 1898.</i>	
Apr. 19	Robert Smith & Co.,	
	For 2,000 notary applications, sam. 13	2 50
	paper for same	1 50
	400 letters from E. & E., clerk House, sam. 13	90
	200 " " Senate, " 13	70
	100 comp. alips, sam. 8	1 20
	paper for same	50
	<i>Allowed May 31, 1898.</i>	
Apr. 26	Robert Smith & Co.,	
	300 proclamations, Arbor day, sam. 82	3 25
	paper for same	50
May 10	1,000 proclamations, Arbor Day, sam. 82	7 50
	paper for same	2 25
	<i>Allowed June 26, 1898.</i>	
June 9	Robert Smith & Co.,	
	1,000 envelopes, sam. 18	40
	Total for printing	\$94 85
	BINDING.	
	<i>Allowed January 25, 1898.</i>	
Jan. 10	Robert Smith & Co.,	
	For folding 200 instructions to applicants, sam. 16	\$0 08
	" 200 applications for requisitions, sam. 16	08
	Total for binding	\$0 12
	STATIONERY.	
	<i>Allowed September 26, 1892.</i>	
Sept. 21	A. M. Emery,	
	For one frame and mat	\$8 00
	Amount carried forward	\$8 00

BOARD OF STATE AUDITORS.

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Executive Department vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
May 31	Amount brought forward	\$8 00
	Crotty Bros.,	
	For 1 box envelopes, \$1.25; ¼ M envelopes, \$5.00.....	6 25
	<i>Allowed January 25, 1893.</i>	
Jan. 12	Theo. L. Backus,	
	For ¼ doz. 18-in. flexible rulers, sam. 112, @ \$3.65	91
	20 doz. thumb tacks, sam. 121, @ 20c	4 00
	5 lbs. twine, sam. 124, @ 20c	1 00
11	Ihling Bros. & Everard,	
	For 1 gross Faber's pencils, sam. 30a	4 40
	1 " I. B. and E. pencils, sam. 31f	3 50
	1 " No. 2 Glus. pens, sam. 33e	1 50
	1 " No. 170 Gillott's pens, sam. 38m	60
	2 doz. rubber penholders, sam. 43	2 00
	1 gross 0¼ bands, sam. 60	50
	1 " 00¼ " " 60	63
	1 " 000¼ " " 60	75
	1 " 0000¼ " " 60	88
	1 " 00¼ " " 60	1 25
	1 " 000¼ " " 60	1 50
	1 " 0000¼ " " 60	1 75
	1 " No. 13 " " 60	11
	1 " No. 16 " " 60	14
	1 " " 31 " " 60	40
	1 " " 33 " " 60	50
	1 " each 048 and 284 Esterbrook's pens, sam. 38a	94
	1 doz. steel erasers, sam. 74e	2 75
	1 " paper knives, sam. 77	4 08
	<i>Allowed February 23, 1893.</i>	
Feb. 6	The R. P. Swisher Manufacturing Co.,	
	For 3 Atlas daters, @ \$1.50	3 00
June 21	Ihling Bros. & Everard,	
	For 1 gross American pencils, sam. 33	5 75
	1 " bands	2 00
	1 water bowl	33
	3 stylographic pens, @ \$1.00	3 00
	<i>Allowed March 29, 1893.</i>	
Mar. 10	Theo. L. Backus,	
	For ¼ doz. 18-in flexible rulers, @ \$3.65, sam. 112	91
	<i>Allowed May 31, 1893.</i>	
May 5	A. M. Emery,	
	For 1 memorandum book	75
	<i>Allowed June 28, 1893.</i>	
31	Theo. L. Backus,	
	For 1 M envelopes, sam. 301	1 23
June 12	Ihling Bros. & Everard,	
	For 1 doz. penholders, No. 2, sam. 43	1 00
	Total for stationery	\$66 21
	RECAPITULATION.	
	General allowance	\$207 63
	Printing	94 85
	Binding	13
	Stationery	66 21
	Total allowance for Executive Department	\$368 81

Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$1,087 35
Sept. 21	W. J. Sampson,	
	For meals in dining car	2 00
22	sleeper, Elmira to Lansing	2 50
	breakfast in dining car	1 00
	The above trip was made on business for the State Department and authorized by the Governor, to obtain records necessary in complying with concurrent resolution No. 2, approved March 5, 1891.	
18 to 24	S. D. Bonner,	
	For West Michigan fair:	
	railroad fare to Grand Rapids and return	1 75
	five days' board	10 00
	street car and bus fare	1 50
13 to 16	J. L. Alexander,	
	For attending State Fair:	
	5 meals	1 50
	street car fares	30
	cartage on books to fair grounds	2 00
20 to 23 inclusive	Also:	
	For railroad fare to Flint and return	1 45
	4 days' board	7 50
	freight and drayage	1 10
	bus fare	30
14 to 17	L. E. Backus,	
	For cartage to State Fair grounds	1 50
	2 dinners	50
	4 boxes to Grand Rapids	50
18 to 24	A. J. Bradford,	
	For railroad fare to Grand Rapids and return	1 95
	5 days' board	10 00
	street cars and bus fare, 5 days	1 50
	freight and drayage	1 90
	West Michigan fair.	
	Chicago & Grand Trunk Railway,	
26	For freight on maps	5 75
	Charles Elliott,	
	For freight	25
	Secretary of State,	
	For postage for October	125 00
	National Express Co.,	
	For express, August 29 to September 26	2 65
Aug. 29	Western Union Telegraph Co.,	
	For message	31
	American Express Co.,	
	For express, August 31 to September 23	19 45
	<i>Allowed October 26, 1892.</i>	
Oct. 19	Detroit Free Press,	
	For 500 1/4 sheet cards, instructions to voters, Italian	18 50
	Secretary of State,	
	For postage for November	175 00
Sept. 20	F. M. Montague,	
	For attending fair at Flint:	
	railroad fare to Flint and return	1 45
	hotel and meals	3 00
	hack and street car	30
Oct. 3 to 7	J. L. Alexander,	
	For railroad fare, Hilledale and return	2 25
	5 days' board	10 00
Oct. 13 and 14	L. E. Backus,	
	For railroad fare to Fowlerville and return	75
	2 days hotel @ \$1.50	3 00
	bus fare	25
27 to 30	Also,	
	For railroad fare, Ionia and return	1 35
	2 1/2 days, hotel	4 60
	cartage	33
	Ionia county fair.	
3 to 8	W. H. Tallman,	
	For expenses attending Hilledale fair:	
	railroad fare	2 25
	hotel, 5 days	10 00
	freight and cartage on books	87
	Amount carried forward	\$1,465 98

Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$1,405 96
Sept. 27 to 30	A. J. Bradford, For railroad fare to Owosso and return 2½ days' board..... bus fare to and from fair grounds..... cartage..... Shiawassee county fair.....	80 4 50 96 25
Oct. 3 to 7	A. H. Landon, For expenses attending Dowagiac fair: railroad fare via Michigan Central hotel bill, 3½ days..... 3 bus fares and return.....	7 55 7 00 60
4 to 7	W. J. Sampson, For Dowagiac fair: railroad fare, Dowagiac and return..... hotel bill, 3½ days..... back to and from fair grounds..... freight on books.....	7 55 7 00 60 55
18	Chicago & Grand Trunk Railway, For freight prepaid.....	38
25	Charles Elliott, For hauling nine loads of paper from September 7 to date, @ 50c.....	4 50
Sept. 14	Postal Telegraph Co., For 1 message..... American Express Co., For express, September 26 to October 22..... National Express Co., For express, September 26 to October 20..... United States Express Co., For express, September 27 to October 20..... Michigan Bell Telephone Co., For messages for September..... Telegraph & Telephone Construction Co., For rent of telephone from October 1, 1892, to January 1, 1893..... Western Union Telegraph Co., For messages for September.....	29 40 95 6 65 9 75 2 60 10 00 1 74
	<i>Allowed November 30, 1892.</i>	
	Fred Karmen, For translating, printing and mailing 2,000 copies of "Instructions to Voters," in Finnish language..... Secretary of State, For postage for December.....	40 00 200 00
	<i>Allowed December 28, 1892</i>	
	Secretary of State, For postage for month of January..... Dec. 27 Charles Elliot, For hauling 5 loads of paper, @ 50c..... Sept. 26 Detroit, Lansing & Northern Railroad Co., For freight sent..... Dec. 17 National Express Co., For express received..... 26 Seymour Foster, postmaster, For rent of drawer E., for quarter ending December 31, 1892, Secretary of State..... Western Union Telegraph Co., For messages from November 16 to 29, inclusive..... Michigan Bell Telephone Co., For messages from November 1 to 30, inclusive.....	200 00 2 50 58 30 2 00 13 11 4 70
	<i>Allowed January 25, 1893.</i>	
Jan. 25	Secretary of State, For postage for month of February, 1893..... Frank Keating, For hauling one load of books to State Printer..... Henry Lampeon, For hauling one load books to State Printer..... Chas. Elliott, For hauling 10 loads paper to printing office, @ 50c..... freight..... O. L. Lampeon, For hauling 2 loads paper to Robert Smith & Co., @ 50c..... Chas. Graham, For hauling 1 load of paper to State Printer..... Amount carried forward	350 00 50 50 5 00 4 25 1 00 50
		\$2,405 23

BOARD OF STATE AUDITORS.

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Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 19	Amount brought forward	\$2,405 23
	Ferry & Butts,	
	For one walnut oak curtain desk—Cutler	92 00
	Western Union Telegraph Co.,	
	For messages from December 8 to 31, inclusive	17 38
	Detroit, Lansing & Northern Railroad Co.,	
	For freight from Milwaukee	48
	National Express Co.,	
	For express from December 31 to January 14, 1898, inclusive	90
	American Express Co.,	
	For express from December 7 to January 16, 1898, inclusive	9 17
	Michigan Bell Telephone Co.,	
	For messages from December 12 to 30, inclusive	5 25
2	John W. Jochim,	
	For expenses attending meeting of the State Board of Auditors:	
	railroad fare, Ishpeming to Lansing and return, including sleeper	35 00
	hotel bill	7 50
	<i>Allowed February 28, 1898.</i>	
Feb. 13	Americanus Water Co.,	
	For 90 gallons of Americanus water @ 10c	9 00
	Robert L. Hewitt,	
	For hack at Lansing	25
	railroad fare to Imlay City	1 63
	breakfast at Imlay City	40
14	railroad fare to Cass City	1 25
	hotel, Cass City	2 25
15	railroad fare to Bad Axe	1 00
	hotel, Bad Axe	1 30
16	railroad fare to Carsonville	1 00
	hotel, Carsonville	75
17	railroad fare to Memphis	1 50
	hotel, Memphis	1 00
	railroad fare to Port Huron	40
	supper, Port Huron	25
	railroad fare to Detroit	1 48
18	hack, Detroit	50
	hotel, Detroit	2 00
	railroad fare to Lansing	2 55
	hack at Lansing	25
Jan. 25	John W. Jochim,	
	For expenses as member of the State Board of Auditors:	
	railroad fare and sleeper, Ishpeming to Lansing and return	35 00
	hotel bill, five days, including one day on Swamp Land Board	10 00
Feb. 21	Secretary of State,	
	For postage for month of March, 1898	100 00
Jan. 12	Postal Telegraph Co.,	
	For telegram to New York	50
Dec. 3	Detroit, Lansing & Northern Railroad,	
	For freight	25
Jan. 21	"	
	For freight	25
Feb. 10	Seymour Foster, postmaster,	
	For rent of P. O. drawer E, for Secretary of State, for quarter ending March 31, 1898	2 00
	National Express Co.,	
	For express from January 31 to February 1, 1898, inclusive	3 90
Jan. 31	Hatch Engraving Co.,	
	For 1,000 engraved cards	11 90
4	August W. Lindholm,	
	For freight, 15c; 9, railroad guide, 10c; 12, repairs, 20c; February 2, freight, 40c	85
	Chas. Elliott,	
	For cartage, 6 loads paper to State Printer	3 00
	Frank Keating,	
	For cartage, 1 load paper to State Printer	50
	O. L. Lamon,	
	For cartage, 1 load paper to State Printer	50
	Western Union Telegraph Co.,	
	For messages from January 3 to 30, 1898, inclusive	5 84
	American Express Co.,	
	For express from January 28, 1898, to February 8, inclusive	50 75
	Michigan Bell Telephone Co.,	
	For messages from January 4 to 6, 1898, inclusive	55
	Amount carried forward	\$2,886 23

Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$2,536 25
Jan. 13	Smith Premier Typewriter Co., For 1 Smith Premier typewriter, No. 23311	95 00
	1 " " " B. & C., No. 23175	\$97 50
	credited by calligraph	47 50
	Geo. F. Lasher, For 2 copies cloth January Postal Guide, @ \$2.50	5 00
26	Theo. L. Backus, For 39 lbs No. 24 white linen twine, sam. 132, @ 43c	18 72
	<i>Allowed March 29, 1893.</i>	
Mar. 23	A. Zeese & Co., For 3 half tone buildings, 3x4½ in., @ \$7.00	21 00
27	7 " " " portraits, 3x3½ in., @ \$6.00	42 00
25	1 " " " view	7 00
	1 " " " portrait	6 00
7	Honeyman & Co., For 1 copy of the American Corporation Legal Manual	4 50
11	Superior Posten Co., For 2,000 copies of "Underrattelser for Rostari" express to the clerks of Marquette, Bessemer, Dickinson and Menominee counties	40 00
Feb. 23	Three Rivers Paper Co., For 222 bundles, 666 reams, 27x40 58 lb, 33,633 lbs @ 4c	1,545 12
27	234 " 702 " 27x40 58 lb, 40,716 lbs @	
	1 " 3 " 27x40, 116 lbs @ 4c	1,633 23
Mar. 29	John W. Jochim, For railroad fare from Ishpeming to Lansing and return to attend February meeting of Board of State Auditors and other boards hotel, 6 days	25 00
	F. A. Potter, For extra work during January, February and March, 1893	50 00
27	Secretary of State: For postage for April, 1893	275 00
20	S. E. De Bar, For 1 load of paper to State Printer	50
6	Henry Lamson, For 1 load of paper to State Printer	50
25	John Graham, For 1 load paper to State Printer	50
	United States Express Co., For Express from January 11, 1893, to March 20, inclusive	8 30
	American Express Co., For Express from February 23, 1893, to March 27, inclusive	9 95
	Western Union Telegraph Co., For messages from February 1 to 25, 1893, inclusive	2 00
	Michigan Bell Telephone Co., For messages from February 2 to 24, 1893, inclusive	1 90
	Postal Telegraph Co., Message December 14, 1892	25
	<i>Allowed April 26, 1893.</i>	
Apr. 10	A. Zeese & Co., For 1 electrotype State capitol, \$1.00 less 40c	60
Mar. 30	1 half tone portrait	6 00
Apr. 17	The Bradstreet Co., For 1 years' subscription from Jan. 27, '93	5 00
18	Valley City Lith. & Engraving Co., For 1 half tone Mich. World Fair building	6 00
	John W. Jochim, For R. R. fare, sleeper and meals to and from Lansing to attend March meeting of Board of State Auditors	35 00
	For 6 days hotel bill	15 00
	Secretary of State, For postage for May, 1893	500 00
20	John Clear, For 6 reams paper, 27x40, to State Printer	50
26	Mr. Graham, For 12 boxes maps and charts to State Printer	50
20	Mr. Dunn, For 80 reams paper, 27x40, and 18 reams 17x23, to State Printer	50
6	B. Moore, For 48 reams, 27x40, to State Printer	50
	Amount carried forward	\$7,274 50

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GENERAL ALLOWANCE.

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Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$3,580 35
Apr. 26	John W. Jochim, For fare from Ishpeming to Lansing and return to attend meeting of Board of State Auditors..... hotel bill, 6 days.....	25 00 15 00
	<i>Allowed June 23, 1898.</i>	
June 15	The Calvert Lith. & Eng. Co., For 1700 diagrams of Senate chamber..... 1700 " " Rep. hall on book paper.....	12 75
	Maverick & Wissenger, For 1600 copies "Great Seal of Mich." printed from plate.....	25 20
	Henry S. Stebbins, For 1600 maps, Congressional Districts, Lower Peninsula. 1600 " " Upper " " 1600 " " Senatorial " Lower " " 1600 " " Representative " Upper " " 1600 " " " Lower " " 1600 " " Judicial " Upper " " 1600 " " " Lower " " 1600 " " railroads, " Upper " " 1600 " " " Upper " "	
	Total, 16,000. @ \$18.00.....	288 00
10	R. L. Polk & Co., For 1 copy Mich. Gazetteer, 1898-4.....	5 00
26	Geo. F. Cram, For 12,000 St., Mich., @ \$18.00.....	216 00
28	Secretary of State, For postage for month of July, 1898, and for box rent	175 00
8	B. Moore, For 60 reams, 27x40 law, to State Printer	50
	48 " " 27x40 " "	50
9	60 " " 27x40 " "	50
	60 " " 27x40 " "	50
	60 " " 27x40 " "	50
7	H. Elliott, For 60 reams, 24x38, annual to State Printer; 12½ reams tea.....	50
22	C. L. Denman, For cleaning caligraph.....	3 00
	lining 56 keys.....	4 48
	3 ribbon guides.....	28
	1 type bar shaft and putting in.....	2 22
	1 tend roll spring.....	32
	Cleaning Remington T. W.....	3 00
	Lining 36 type bars, @ 8c.....	2 88
16	Mr. Lamson, For 40 reams 27x40, report State Printer	50
	56 " " 27x40 " "	50
May 31	John Clear, For 1 load paper, 27x40, report State Printer.....	50
	1 " " 27x40, law " "	50
	1 " " 27x40, report " "	50
Feb. 23	Charles Elliott, For 60 reams, 27x40, to State Printer.....	50
24	35 " " 17x28, " "	50
25	73 " " 17x28, " "	50
27	174 " " 27x40, " "	50
Mar. 29	48 " " 27x40, " "	50
30	48 " " 27x40, " "	50
	102 " " 17x28, " "	50
June 20	August W. Lindholm: For trip to Chicago making arrangements for a map of Michigan and its resources; fare, \$8.10; sleeper, \$2.00; hotel, \$3.50.....	13 60
	Hatch Engraving Co., For engraving map of Michigan.....	25 00
27	Andrew Born, For 80 reams, 24x38, to State Printer.....	50
	Western Union Telegraph Co., For messages from May 5 to 31, 1898.....	7 43
	Michigan Bell Telephone Co., For messages from May 20 to June 15, inclusive.....	85
	Amount carried forward	\$3,404 91

BOARD OF STATE AUDITORS.

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Secretary of State vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
June 27	Amount brought forward	\$9,404 91
	American Express Co., For Express from May 29 to June 26, 1893, inclusive.....	180 75
	United States Express Co., For Express from June 1 to 23, 1893, inclusive.....	53 14
	National Express Co., For express from June 1 to 21, 1893, inclusive.....	53 64
16	John W. Jochim, For fare, Ishpeming to Lansing and return, to attend meeting Board of State Auditors (special).....	35 00
	hotel bill, 5 days.....	12 50
May 31	fare from Ishpeming to Lansing and return, meeting Board of State Auditors.....	35 00
	hotel bill, 6 days.....	15 00
April 29	two trips to Chicago for consultation with landscape gardener and electrical engineer.....	23 80
	Total for general allowance	\$9,763 74
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 14	Robert Smith & Co., For composition on printing blanks for index book for patents as follows, viz:	
	composition, 1,404,900 ems, @ 13c.....	\$182 63
	111 tokens, @ 17c.....	18 87
	1 ream 40 lb Byron Weston record paper.....	9 60
	ruling same, sam. 70.....	2 00
5	25 working blanks, 1892, sam. 36.....	1 50
	10,000 wrappers "Secretary of", sam. 20.....	10 00
	22,000 " from Secretary of State, sam. 20.....	22 00
	8,000 envelopes, sam. 18.....	3 20
15	1,900 covers for 19th annual abstract for I. D. D. & B., sam. 21.....	\$ 25
	1,900 covers for 13th annual report of farm statistics, sam. 21.....	\$ 40
	1,200 crop report blanks, August, sam. 24.....	2 75
	1,200 circulars to crop correspondents, sam. 25.....	2 25
8	for alterations on copys as follows: Farm Statistics, text galleys 1 to 4, 2¼ hours, @ 30c.....	75
	Sheriff's report, 10 to 16, 1 hour.....	30
19	composition on 19th abstract of report of sheriffs from page 1 to 41 (2,600 copies) 237,833 ems @ 27c.....	30 41
	presswork, 66 tokens, @ 15c.....	9 90
	composition on 3,300 copies of crop report for 1892, from page 1 to 18, 114,178 ems, @ 27c.....	30 82
	presswork, 66 tokens, @ 15c.....	9 90
	composition on 3,000 copies of 24th report of vital statistics from context I to VIII and page 1 to end, 2,475,888 ems, @ 27c.....	668 45
	presswork, 434 tokens, @ 15c.....	65 10
	composition on 3,900 copies of 19th report of insane, deaf, dumb & blind, from page 17 to 45, 305,312 ems, @ 27c.....	82 43
	presswork, 83 tokens, @ 15c.....	10 20
	<i>Allowed August 31, 1892.</i>	
July 27	Robert Smith & Co., For 170 blanks for shipping register, sam. 63.....	2 85
Aug. 11	500 covers report of sheriff, sam. 21.....	1 30
	1200 crop report blanks, sam. 24.....	2 75
	1200 circulars to crop correspondents, sam. 18.....	1 70
16	5000 " steam vehicles, sam. 13.....	5 50
	1000 " peach yellows, sam. 25.....	2 05
	300 postal cards, 2 sides, sam. 24.....	1 82
	1200 tickets to crop correspondents, sam. 18.....	1 70
	paper for same.....	1 00
	100 notice of election, sam. 14.....	1 00
22	composition on 1300 copies of "protection against Canada thistles," from page 1 to 6, 11,526 ems, at 27c.....	3 11
	presswork, 55 tokens, at 15c.....	8 25
	Composition on 5300 copies of crop report for August from page 1 to 17, 134,941 ems at 27c.....	36 70
	presswork, 66 tokens, at 15c.....	9 90
	Amount carried forward	\$1,298 99

Secretary of State vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
<i>Allowed October 26, 1892.</i>		
Oct. 3	Amount brought forward	\$1,298 99
	Robert Smith & Co.,	
	For 600 covers, 21st abstract, superintendents of poor, sam. 21.....	1 45
	100 circulars to county clerks, sam. 15.....	1 50
	100 1/4 note blanks to county clerks, sam. 13.....	60
	100 1/4 " receipts of blanks, sam. 13.....	60
	250 blanks, O, sample 28.....	2 74
	2,500 " Oo, " 28.....	5 18
	250 " N, " 28.....	2 74
	2,500 " Nn, " 28.....	5 18
	500 " M, " 28.....	2 98
	6,000 " Mm, " 28.....	9 58
	6,000 " Gg, " 28.....	9 58
	500 " G, " 28.....	2 98
	6,000 " Ss, " 28.....	9 58
	500 " S, " 28.....	2 98
	500 " B, " 28.....	2 98
	6,000 " Bb, " 28.....	9 58
	500 county marriage blanks, sam. 39.....	3 60
	250 blanks, P, sample 28.....	2 74
	2,500 " Pp, " 28.....	5 18
	250 " Q, " 28.....	2 74
	2,500 " Qq, " 28.....	5 18
12	100 note circulars, sam. 13.....	60
	100 notice to sheriffs, sam. 14.....	1 00
18	composition on 5,200 copies of October crop report from page 1 to 16, 125,413 ems at 27c.....	33 86
	presswork, 44 tokens at 15c.....	6 60
<i>Allowed December 28, 1892.</i>		
Dec. 20	Robert Smith & Co.,	
	For composition on 5100 copies of crop report, from page 1 to 13, 102,436 ems @ 27c.....	27 65
	presswork, 44 tokens @ 15c.....	6 60
12	1,000 articles of association, sam. 53.....	7 70
	2,000 covers population reports, sam. 21.....	3 55
	100 circulars county clerk, newspaper, sam. 46.....	90
	1,200 January crop reports, sam. 24.....	2 76
	1,200 " " circulars, sam. 25.....	2 32
	500 list of books forwarded, sam. 46.....	1 50
	1,000 circulars A. A. No. 182, sam. 13.....	1 50
<i>Allowed January 25, 1893.</i>		
Jan. 9	Robert Smith & Co.,	
	For 100 working blanks, sam. 35.....	2 00
	500 blank patents as marked on copy, sam. 31.....	2 60
	500 " " " " " 31.....	2 60
	700 " " " " " 31.....	2 90
	100 certificates president and vice president, 5 pages at \$1.50.....	7 50
	1,000 large envelopes crop correspondent, sam. 19.....	50
	100 working blanks, list of counties, sam. 35.....	2 00
	100 " " Table VI., sam. 35.....	2 00
16	500 blank annual report monuments, etc., sam. 53.....	6 20
	200 clerks Senate list, sam. 8.....	40
	200 " Rep. " 17.....	1 62
	2,800 list of Senators and Representatives, sam. 17.....	3 78
	paper for above, 3 forms.....	3 00
	1,500 circulars relative to crop report, sam. 25.....	2 68
	5,000 mill and elevator blanks, sam. 8.....	5 20
	1,500 postal cards, sam. 24.....	3 24
Dec. 29	Maverick & Wissinger,	
	For 8,500 seals printed from plate on 5 1/2 x 8 1/2 paper.....	131 75
	express on plate.....	50
	Calvert Lithographing Co.,	
	For lithographing 4,980 notary public commissions on paper furnished.....	20 00
Jan. 10	American Bank Note Co.,	
	For engraving alterations.....	50 00
	furnishing 2,000 commissions.....	300 00
7	Ihling Bros. & Everard,	
	For lithographing 8 M letter heads, @ \$3.00 M.....	24 00
	" " 8 M note " @ \$2.50 M.....	20 00
	blocking 8 M letters heads, 160 blocks @ 2c each.....	3 20
	8 M note " " 1c each.....	1 60
	Amount carried forward	\$2,055 47

BOARD OF STATE AUDITORS.

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Secretary of State vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
<i>Allowed February 29, 1898.</i>		
	Amount brought forward	\$2,053 47
Jan. 26	Robert Smith & Co., For 1,000 list of county officers, sam. 23 1/4	7 35
	800 cloth envelopes, sam. 19	40
	200 blank newspaper list, sam. 46	1 05
	200 certificates for State officers, sam. 11	87
	500 postal cards, vital statistics, sam. 21	1 64
	100 compilation sheets, sam. 70	1 00
	100 letters to county clerks, sam. 13	60
	2,000 large envelopes to supervisors, same 19	1 00
	2,000 " " for return, sam. 19	1 00
	500 circulars to crop correspondents, sam. 18	1 00
	1,600, revision of shipping list, sam. 18	2 10
	1,400 large envelopes to county clerks, sam. 19	75
30	1,000 " " crop correspondents, sam. 19	50
	1,600 circulars to supervisors, sam. 14	3 25
	400 letters to secretaries of states, sam. 54	2 38
	20,000 wrappers, sam. 20	20 00
	1,000 blanks, table VII., sam. 43	1 50
	1,000 C. I. D. D. & B., sam. 41	5 40
	25 tables, sam. 43	1 50
	2,500 slips, J. W. Jochim, sam. 8	2 70
	2,000 slips, Secretary of State, sam. 18	80
	1,000 envelopes to county clerk, sam. 18	40
Feb. 14	Composition on 5,100 copies of crop report for January, from pages 1 to 24, 194,575 ems @ 27c	52 53
	presswork, 66 tokens, @ 15c	9 90
	The Calvert Lithographing & Engraving Co.: For 200 pardon certificates, 11x17, on No. 25 bond; type printed on back	15 00
	14,725 sets of marriage certificates in black and gold on paper furnished by Ihling Bros. & Co.; printing same on back; perforating same	150 00
<i>Allowed March 29, 1898.</i>		
Mar. 22	Robert Smith & Co., For composition on 5,000 copies of February crop report from page 1 to 11, 81,380 ems @ 27c	21 97
	presswork, 42 tokens @ 15c	6 30
	composition on 5,000 copies of March crop report from page 1 to 20, 153,918 ems @ 27c	42 91
	presswork, 68 tokens @ 15c	9 45
Feb. 21	100 crop correspondents, clerk's list, sam. 37	50
	5,500 inspectors' return, justice Supreme Court, sam. 29	10 10
	6,000 " " regents of the University, sam. 29	10 85
	200 certificates of election, circuit judge, sam. 14	1 15
	1,000 blanks, receipts from county clerks' books, sam. 54	3 12
	1,500 postal cards, shipment of books, sam. 8	1 70
	1,500 " " receipt " " 24	8 24
	1,500 circulars to town clerks, sam. 13	2 00
	800 " " county clerks, sam. 14	1 30
	100 copies relief of soldiers, sam. 13	60
	1 large card, compiling room	75
Mar. 3	1,000 inspectors' returns, circuit judge, sam. 28	8 58
	800 clerks' " " regents of University, sam. 28	2 74
	1,000 postal cards, sam. 8	1 20
	1,200 " " blanks for March crop report, sam. 24	2 78
	6,000 blanks, No. 293, sam. 32	14 85
	980 ruling paper as per sample sent, sam. 31	1 40
	1,500 slips to fold in circulars, sam. 8	1 70
15	10,000 affidavits for license to marry, sam. 27	31 60
	150 blank newspaper lists, sam. 14	1 15
	200 " " temperature and precipitation, sam. 46	1 05
	300 clerks' return, justices of the Supreme Court, sam. 29	2 30
	500 State canvass, circuit judge, sam. 43	2 30
	100 " " Supreme Court justices, sam. 40	2 25
	100 " " regents of University, " " 40	2 25
	100 " " constitutional amendment, sam. 40	2 25
	3,000 envelopes, town clerk of, sam. 18	1 20
	5,000 instructions to voters, " " 23	10 84
	100 circulars to county clerks, " " 18	60
	100 " " receipts, " " 18	60
	500 list of members, " " 17	1 98
	6,000 election returns v.v. inspectors, sam. 28	9 58
	100 " " notices to sheriffs, " " 14	1 00
	12,000 blanks a.a., sam. 53	40 70
	Amount carried forward	\$2,596 31

Secretary of State vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
Apr. 19	Amount brought forward	\$2,596 81
	Ihling Bros. & Everard,	
	For lith. 10 M No. 8 1/4 envs. } 4 sizes, at \$1.50	60 00
	" 5 " " 9 " }	
	" 5 " " 10 " }	
	" 4 " " 11 " }	
	" 4 " letter heads, @ \$3.00	12 00
	ruling 4 M " " @ 50c	2 00
	blocking 4 M letter heads, 40 bks., @ 2c	80
10	Robert Smith & Co.,	
	For 5,000 covers farm statistics, sam. 21	8 05
	640 blanks index to notary public, sam. 25	1 72
	800 " records " " 38	4 95
	514 " abstract of reports, sam. 63	4 25
	3,000 " D, sam. 62	28 25
	3,000 " A, " 62	38 25
	1,500 " F, " 62	17 00
	8,000 " F. f., sam. 63	28 70
	500 list names of children, sam. 47	1 80
	12,000 large envelopes, sam. 19	6 00
	500 election clerks' blanks, V, sam. 28	2 98
	1,000 blanks county births, sam. 36	8 30
	6,000 election blanks returns inspect., tt, sam. 28	9 85
	500 " clerks, T, sam. 28	2 98
	1,200 circulars April crop report, sam. 13	1 70
	1,200 postals " " 24	2 76
	80 " to sheriff, sam. 8	30
	80 " clerks " 8	30
	6,000 election returns, U U, sam. 28	9 58
	500 " U, sam. 28	2 98
	90 postals notice to sheriffs, sam. 8	88
	90 " clerks, sam. 8	30
	6,000 election returns, W W, sam. 28	9 58
	500 " W, sam. 28	2 98
	90 postals to clerks, sam. 8	30
	6,000 election blanks, inspectors, X X, sam. 28	9 58
	500 " clerks, X, sam. 28	2 98
	90 postals, county clerks, sam. 8	30
	100 blank map	1 00
	200 " inspectors returns, X X, sam. 28	2 62
	1,200 postal blanks, sam. 8	1 40
	1,500 notice to physicians, sam. 13	2 00
	200 maps	2 00
	5,000 farm statistics, their utility to farmers, composition 22,322 ems @ 27c	6 03
	presswork, 42 tokens @ 15c	6 30
	313 sheets manilla paper for above	6 25
	2,000 large envelopes, sam. 19	1 00
	4,500 joint resolutions, No. 12, sam. 14	7 60
	1,000 shipping slips, sam. 8	1 20
	1,200 circulars, sam. 18	1 70
	1,000 postals for office, sam. 8	1 20
	alteration on copy of manual from March 16 to April 13, being from galleys	
	62 to 179, 44 hours, @ 30c	12 60
13	100 cards and cardboard for same; vote for the amendment	25 50
	<i>Allowed May 31, 1898.</i>	
25	Robert Smith & Co.,	
	For 100 postal cards, sam. 24	1 00
	2,500 blanks, report I. D. D. B., etc, sam. 58	12 20
	1,750 covers for farm statistics, sam. 58	10 10
	8,950 inserts, farm statistics, sam. 62	85 75
	1,550 covers, fruit and market garden, sam. 62	17 75
	1,550 inserts, " " 62	17 75
	500 meteorological blanks, sam. 44	2 30
	1,200 circulars, Michigan crop report, sam. 18	1 70
	4,500 joint resolutions, No. 9, sam. 25	6 25
	4,500 " " 10, sam. 25	6 25
	4,500 " " 11, sam. 25	6 25
	500 blanks, returns, J. of P., sam. 62	9 50
	250 " with State and list of counties, sam. 35	2 50
	250 " without " " " 35	2 50
	250 postal cards, shipment of books, sam. 8	50
	Amount carried forward	\$3,074 65

BOARD OF STATE AUDITORS.

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Secretary of State vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed May, 31 1898.</i>	
April 25	Amount brought forward	\$3,074 65
	Robert Smith & Co.,	
	For 1,000 blank receipts, sam. 9	1 50
	500 county clerks receipts, public acts, sam. 8	1 70
	1,000 postal cards, sam. 8	1 20
May 18	200 circulars, resources of Michigan, sam. 17	1 65
25	cards, explanation style of laws, sam. 8	30
	cardboard for same	1 70
	1,200 special circulars to crop correspondents, sam. 13	1 70
	colored paper for same	1 10
	1,200 postal cards, crop report, sam. 24	4 65
	800 letters to newspapers, sam. 13	1 80
	700 addresses on postal cards, sam. 8	90
	2,000 postal cards, horticultural report, sam. 8	2 20
	700 advance sheets for newspapers, sam. 13	1 20
	alteration on copy as follows, viz.: Galleys 2 to 6, farm statistics, 2½ hours; galley 180 to 204, manual, 32½ hours; 35 hours at 50c	10 50
	100 compilation books, sam. 57	4 00
	100 insert 2d sheet compilation book, sam. 62	6 50
	1,400, 3d form compilation book, sam. 63	16 25
	1,200 circulars, June crop report, sam. 13	1 70
	7,000 errata slips for manuals, sam. 8	7 20
	500 shipping address slips, sam. 8	70
	12,000 affidavits, license to marry, sam. 27	19 60
	1,000 copies act No. 25, sam. 13	1 50
	1,000 return postal cards, sam. 8	1 20
	500 notice to county clerks, sam. 14	1 60
	<i>Allowed June 28, 1898.</i>	
June 20	Robert Smith & Co.,	
	For composition on 4,400 copies of farm statistics, from page 49 to 80, 336,896 ems, @ 27c	90 98
	presswork, 76 tokens @ 15c	11 40
	composition on 5,700 copies of June crop report, from page 1 to 17, 125,417 ems, @ 27c	33 88
	presswork, 72 tokens @ 15c	10 80
	composition on 5,000 copies of county roads law, 10 page of law, 24,420 ems @ 24c	5 86
	2 pages other matter, 3,942 ems @ 27c	1 04
	presswork, 420 tokens @ 15c	6 30
	1,200 records of birth, Wayne county, sample 60	41 00
	600 " " deaths, " 60	23 00
	2,000 " " births, " 60	65 00
	1,200 " " deaths, " 60	41 00
	2,000 address labels, " 8	2 20
	2,000 receipts for articles of association, " 18	2 50
	500 blank reports, " 24	1 64
	2,000 envelopes, " 18	80
	5,000 covers, county road law, " 21	8 05
	800 advance copies crop report, " 15	2 65
	1,000 large envelopes to county clerk, " 19	60
	1,500 for return, notary public, single sheet, sample 54	8 75
	1,000 " " double " 62	13 25
	1,250 postal blanks, July crop report, " 24	2 92
	1,250 circulars, return, July crop report, " 25	2 44
	100 large envelopes, secretary's address, " 19	05
	100 circulars, blanks to sheriff, " 15	1 50
	100 " " superintendent of poor, " 13	60
	Total for printing	\$3,585 97
	BINDING.	
	<i>Allowed July 27, 1892.</i>	
July 1	Robert Smith & Co.,	
	For binding 2,500 farm statistics, 1890-1, cloth, sam. 4	\$250 00
	" without covers 100 reprints of A. A. Crozier, sam. 18	23
	branding 80 Howell's statutes, @ 1c	80
7	40 " " vol. 3, @ 1c	40
15	making 14 blocks, sam. 47	28
19	binding with covers, 1,900 farm products, sam. 12	9 28
	" without covers, 5,800 crop reports, No. 129, sam. 13	12 19
14	" 1 shipping register, Russia ends and bands, 4 qrs, sam. 28	8 00
	paging same, sam. 51	24
	Amount carried forward	\$276 97

ANNUAL REPORT OF THE

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BINDING.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$276 97
July 23	Robert Smith & Co.	
	For cutting manilla paper, 9x18, 6 cuts, sam. 50	60
Aug. 2	binding 3,007 vital statistics, 1890, cloth, sam. 4, @ 10c	300 70
5	" with covers, 500 reports of sheriff, sam. 11	1 23
23	" without " 18,000 reports of Canada thistles, sam. 13	29 90
	" " 5,300 crop reports, No. 130, sam. 13	13 19
	pasting in 5,300 maps, sam. 34	5 80
	<i>Allowed September 23, 1892.</i>	
Sept. 1	Robert Smith & Co.,	
	For binding 1,800 reports, insane, etc., sam. 11	4 94
17	ruling 1,000 blanks, I. D. D. & B., 1 side	1 75
	binding without covers, 5,500 crop reports No. 131, sam. 13	12 19
	pasting 5,300 quarter sheets in same, sam. 34	5 80
	<i>Allowed October 26, 1892.</i>	
26	Robert Smith & Co.,	
	For binding without covers, 6,000 election laws, 1891, sam. 13	13 80
Oct. 8	binding with covers, 600 reports snpts of poor, June 30, 1891, sam. 11	1 65
	<i>Allowed December 23, 1892.</i>	
Dec. 5	Robert Smith & Co.,	
	For binding with covers 2,000 population of Michigan 1880-1890, sam. 11	5 50
6	making 55 pads, sam. 49	55
13	binding one letter book, R to K, 112 reams 33 quires, sam. 43	2 64
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For cutting down poll list 3 cuts, sam. 50	39
	binding with covers 500 crop reports No. 134, sam. 13	11 50
	4 Howell's statutes and 2 public acts	05
	making 11 blocks, sam. 47	22
	folding 100 certificates of election, sam. 16	03
	pasting 100 sheets on same, sam. 54	10
	cutting blotting paper, 9 cuts, sam. 50	90
	making 65 blocks, sam. 49	65
	cutting paper, Hewitt, 23 cuts, sam. 50	2 30
4	binding one report Supts. of Poor, 9 quires, ¼ sheep, sam. 40	2 35
	<i>Allowed February 23, 1892.</i>	
24	Robert Smith & Co.,	
	For making 30 blocks, sam. 49	30
	binding without covers 500 crop reports, No. 135, sam. 13	11 50
	making 40 blocks, sam. 2	80
	" 23 " 1	33
	branding 150 Howell's 2 sides, sam. 10	1 50
	binding 1 record of associations, Russia ends and backs, 7 qrs., sam. 28	5 25
	pasting same, sam. 51	42
	ruling same	1 50
	canvas cover for same	50
30	branding 75 Howell's both sides, sam. 10	75
	binding 50 crop reports 1892, cloth, sam. 4	5 00
Feb. 2	making 44 blocks, sam. 47	88
	<i>Allowed March 29, 1893.</i>	
22	Robert Smith & Co.,	
	For making 13 figuring blocks, sam. 48	13
	folding 260 certificates of election, sam. 16	05
Mar. 1	binding without covers, 5,000 crop reports, No. 136, sam. 13	11 50
7	lettering 1 Barry county, sam. 52	20
20	folding 3,950 farm statistics sheets, sam. 16	1 13
	stitching 1,750 same in covers, sam. 13	4 02
	folding 3,000 return of births, sam. 16	90
	stitching 1,000 same, sam. 13	2 30
	folding 3,000 return of marriages, sam. 16	90
	stitching 1,000 same, sam. 13	2 30
	folding 1,500 return of deaths, sam. 16	45
	stitching 500 same, sam. 13	1 13
	binding record of notary public, Russia ends and bands, 7 quires, sam. 28	5 25
	pasting same, sam. 51	42
	binding 1 index to notary public, Russia ends and backs, 7 quires, sam. 28	5 25
	indexing same with tab. index	75
	Amount carried forward	\$785 11

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BINDING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
Mar. 20	Amount brought forward	\$765 11
	Robert Smith & Co.,	
	For folding 81,000 fruit and market blanks, sam. 16.....	98
	stitching 1,550 same, sam. 13.....	36
	binding 1 abstract of report of corporations, Russia ends and backs, 8 quires, sam. 28.....	6 00
	cutting index in same.....	1 00
	making 6 index tables for same.....	1 00
	binding without covers, 4,500 constitutional amendments, sam. 13.....	10 35
7	" " 5,000 crop reports, No. 137, sam. 13.....	11 50
	lettering Houghton county.....	20
	<i>Allowed April 26, 1893.</i>	
April 3	Robert Smith & Co.,	
	For binding with covers 500 farm statistics, sam. 11.....	18 75
	" 1 record of election (1892) Russia ends and band, 9 quires, sam. 23.....	6 75
	paging same, sam. 51.....	48
	ruling same.....	1 50
	binding 1 record of election (1892-3) Russia ends and bands, 9 quires, sam. 23.....	6 75
	paging same, sam. 51.....	48
11	ruling same.....	1 50
14	cutting paper, 10 cuts, sam. 50.....	1 00
	binding record of association. No. 26, Russia ends and bands, 7 quires, sam. 28.....	5 25
	paging same, sam. 51.....	42
	ruling same.....	1 00
	binding 1 record of association, No. 27, Russia ends and bands, 7 quires, sam. 28.....	5 25
	paging same, sam. 51.....	42
	ruling same.....	1 00
	folding 6,900 circulars, No. 293, sam. 16.....	1 80
	placing notice sheets in same.....	1 00
	<i>Allowed May 31, 1893.</i>	
24	Robert Smith & Co.,	
	For making 8 blocks, sam. 47.....	06
May 5	" 5 " 49.....	05
	binding 1 ledger book, 34 quires, sam. 43.....	2 72
	" 1 " " 38 " " 43.....	2 64
	" 1 " " 38 " " 43.....	2 64
	" 1 " " 32 " " 43.....	2 56
	" 1 " " 29 " " 43.....	2 32
	" 1 " " 21 " " 43.....	1 68
12	cutting wrappers, 10 cuts, " 50.....	1 00
18	folding 1,600 sheets farm statistics, sam. 16.....	1 00
24	stitching 100 copies.....	1 00
	lettering book C, Muskegon, 3 lines, sam. 52.....	30
	taking apart, adding extra sheets and replacing index to book of deaths in old cover.....	1 25
	making labels to above index.....	50
	<i>Allowed June 28, 1893.</i>	
June 15	Robert Smith & Co.,	
	For branding 200 Howell's statutes, sam. 10.....	2 90
	unpacking and repacking same.....	75
	cutting blotting paper, 13 cuts, sam. 50.....	1 80
	folding and stitching 200 Wayne county deaths, 400 births.....	1 00
	branding 50 Howell's statutes.....	2 00
16	6 skeins thread.....	50
	binding without covers 2,800 thresher's account books, sam. 11.....	30
	" 1,400 correspondence, sam. 11.....	7 70
	" without covers 5,700 crop report, No. 140, sam. 13.....	8 85
	pasting 5,700 ¼ sheets on back, sam. 54.....	13 11
	Total for binding.....	5 70
		\$900 01
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
July 12	Ihling Bros. & Everard,	
	For 4 gross No. 126 Esterbrook pens, sam. 38, @ 47c.....	\$1 88
	Amount carried forward.....	\$1 88

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 12	Amount brought forward	\$1 88
	Ihling Bros. & Everard,	
	For 2 gross No. 048 Esterbrook pens, sam. 38, @ 47c	94
	2 " " 404 Gillott " " 38R, @ 45c	90
	3 reams Crane's typ. paper, 2½ lbs, sam. 148, @ \$1.25	2 50
	2 " " " 5½ lbs, " 148, @ 1.50	3 00
	<i>Allowed August 31, 1892.</i>	
Aug. 11	Theo. L. Backus,	
	For 1 M sheets 17x22 No. 21 bond, sam. 10	\$18 70
	1 " " 19x24 " 21 " " 11	20 80
	500 sheets short 19x24	\$39 50
		10 40
10	Ihling Bros. & Everard,	
	For lith. 4,000 letter heads, @ \$3.00	\$12 00
	" 4,000 note " @ 2.50	10 00
	ruling 4,000 letter heads, @ 50c	2 00
	" 4,000 note " @ 40c	1 60
	blocking 4,000 letter heads, 40 blocks, @ 2c	80
	" 4,000 note " 40 " @ 1c	40
		26 80
	less freight on mucilage	45
		26 85
	<i>Allowed September 28, 1892.</i>	
Sept. 20	Theo. L. Backus,	
	For 500 sheets, 19x24, No. 21, bond paper	10 40
17	Ihling Bros. & Everard,	
	For 1 gross No. 7 Gluc. pens, sam. 38E	1 50
	1 " No. 10 " " " "	1 50
	1 " No. 13 " " " "	1 50
	12 reams superfine, 18x23, 36 lb, sam. 22, @ 13¼	58 32
	<i>Allowed October 26, 1892.</i>	
Oct. 22	Theo. L. Backus,	
	For ¼ doz. ruling pens, sam. 113, @ \$6.00	3 00
	3 doz. thumb tacks, sam. 119, @ 33c	99
14	¼ doz. rulers, sam. 110, @ \$2.10	53
	1 doz. spools red tape, sam. 115	2 65
	<i>Allowed November 30, 1892.</i>	
Aug. 31	Ihling Bros. & Everard,	
	For lithographing 1 M letter heads	3 00
	extra engraving on letter heads	3 00
Sept. 27	Ihling Bros. & Everard,	
	For 24 reams superfine, 18x23, 36 lb, 864 lbs, sam. 22, @ 13¼c	116 64
26	Ihling Bros. & Everard,	
	For 54 reams, superfine, 14x17, 18 lb, 972 lbs at 13¼c, sam. 22	181 22
27	A. M. Emery,	
	For 2 doz. sheets carbon @ 35c	70
30	186 legal wrappers @ \$2.75	5 80
Nov. 3	1 M gilt seals No 18	3 35
	<i>Allowed December 28, 1892.</i>	
Dec. 15	Theo. L. Backus,	
	For 2 M sheets No. 21 Parson's bond, 17x23, sam. 10, @ \$18.70	37 40
	1 M " " 19x24, sam. 11	20 80
24	Ihling Bros. & Everard,	
	For 614 reams fine, 17x23, 24lb, sam. No. 21, 14,736 lbs at 10c	1,473 60
7	11-12 quarts Sanford's sup. mucilage, sam. 57b, @ \$8 50	5 98
20	10 bundles, 20 reams, 24x36, 80 lb, 1,600 lb, sam. 4, @ 7c	70 00
	7 bundles, 14¼ reams, 36x40, 80 lb, 1,160 lbs, sam. 4, @ 7c	81 20
17	35,108 reams, 17x23, 36 lb superfine, 1,268 lbs, sam. 22, @ 13¼	171 19
	5 reams, 17x22, Hornet linen, 20 lb, sam. 24, @ 25c	25 00
Nov. 29	2,000 sheets, 4 reams, Crane's typewriter paper, 2½ lb, sam. 148	5 00
	2,000 " " " 5 lb, sam. 148	10 00
	4 arm rests, sam. 154, @ 50c	2 00
	4 gross No. 3 Gluc pens, sam. 38E @ \$1.50	6 00
	4 " " 7 " " " " @ \$1 50	6 00
	2 " " 10 " " " " @ \$1.50	3 00
	Amount carried forward	\$1,329 42

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STATIONERY.

Date.	Items.	Amount.
<i>Allowed December 23, 1892.</i>		
Nov. 29	Amount brought forward	\$1,329 42
	Ihling Bros. & Everard.	
	For 2 gross No. 048 Esterbrook pens, sam. 38a, @ 47c	94
	128 " " @ 47c	1 88
<i>Allowed January 25, 1893.</i>		
Jan. 3	A. M. Emery,	
	For 1/4 gross astd. pen holders, @ \$2.00	1 00
	1 doz. bank pen holders, sam. 41	75
	6 mucilage brushes, 1 in. wide, @ 10c	60
	ledger indexes, @ 25c	50
	6 doz. bank pen holders, @ 75c	4 50
	1/4 " Sanford's copying ink, item 52, @ \$3.50	2 75
16	Ihling Bros. & Everard,	
	For 10 rm. Weston's linen ledger, 18x23, 36 lbs, 360 lbs, sam. 28a, @ 24c	86 40
	1 doz. 3 in. sponge cups, @ 60c doz., sam. 61	60
	2 cut glass ink stands, @ \$3.25, sam. 69	6 50
	1 doz. steel erasers, sam. 74	6 75
	1/2 " paper weights, @ \$1.40, sam. 85 F	70
11	1 doz. steel erasers, sam. 73	2 50
	1/2 " paper weights, sam. 85	2 00
	1/2 " bone folders, sam. 76	90
	1/2 " paper knives, sam. 77	2 00
	4 Scotch hones	2 67
	2 gross No. 14 Estb. pens, sam. 38A	94
	1 doz mucilage pots, sam. 63	3 00
	1 rm. Weston's linen ledger, 18x23, 36 lbs, sam. 28A, @ \$2.44	8 64
Dec. 31	15 " Hornet's linen, 20x28, 33 lbs, 495 lbs, sam. 24, @ 25c	123 75
Jan. 2	2 doz. combined erasers, sam. 59, \$1.40 doz	2 80
	lithographing 5 M envelopes \$2.50 M	12 50
	2 doz. qts. Sanford's Arabian mucilage, sam. 57a, @ \$3.50	17 00
10	Theo. L. Backus,	
	For 500 cloth lined envelopes No. 10, sam. 224, @ \$16.45 M	8 23
	500 " " 11, " 225, @ 18.40 M	9 20
	1 doz. 18 in. rulers, sam. 109	1 40
	4 " thumb tacks, sam. 119, @ 33c	1 32
	12 lbs white linen twine, No. 24, sam. 182, @ 45c	5 78
	50 " gray flax twine No. 6, sam. 134, @ 25c	10 00
7	5 M 763-6 1/4 Gov. envelopes, sam. 210, @ \$1.42	7 10
<i>Allowed February 23, 1893.</i>		
Feb. 7	The Hektograph Mfg. Co.,	
	For 1 letter hektograph, \$6.00 less 15 per cent	5 10
Jan. 26	The R. D. Swisher Mfg. Co.,	
	For 1 standard band dater	3 50
	1 model	2 00
	1 new dating attachment	1 00
	1 oval die (answered)	75
	1 oval die (received)	35
	autograph stamp	1 50
Dec. 17	Geo. A. Newett,	
	For 150 blanks	2 00
	50 " "	1 00
	50 " "	1 00
Jan. 27	Ihling Bros. & Everard,	
	For 2 doz. steel erasers, sam. 74, @ \$6.75	13 50
Feb. 1	Theo. L. Backus,	
	For 5 M Gov. envelopes, sam. 157, @ 58c	2 85
Jan. 18	20 " portfolio envelopes, sam. 182, @ \$1.00	20 00
	3 " " 177, @ 4.25	12 75
Feb. 10	1 doz. 18 in. hard rubber rules	6 00
6	12 doz. thumb tacks, sam. 119, at 33c	3 96
9	A. M. Emery,	
	For 2 pts. green ink, @ 50c	1 00
	2 doz. green pencils, @ 37 1/2 c	75
11	1/4 ream 14 lbs legal cap, @ 18c	1 26
	1/2 " 12 lbs foolscap, @ 18c	1 08
18	bottle Higgin's ink	25
	1/2 doz. Crow quill pens @ 50c	25
21	1/4 " Smith premier type writer ribbons, @ \$9.00	4 50
<i>Allowed March 29, 1893.</i>		
13	Ihling Bros. & Everard,	
	For 44 reams superfine, 15 1/4 x 19 1/4, 22 lb, @ 13 1/4 c, sam. 22	190 68
	56 1/4 " " 15x23, 36 lb, @ 13 1/4 c, sam. 22	273 38
	Amount carried forward	\$2,212 51

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$2,212 51
Feb. 18	Ihling Bros. & Everard, For 56 reams superfine, 14x17, 18 lb., @ 13½c, sam. 22	136 08
	52 " " " 17x22, 22 lb., @ 13½c, sam. 22	154 44
Mar. 15	12 gross No. 33 bands @ 50c, sam. 60	6 00
	12 " " " 11 " " @ 9c, " 60	1 08
	12 " " " 14 " " @ 12c, " 60	1 44
	12 " " " 50 " " sam. 60	3 00
	6 " " " 0¼ " " @ 50c, sam. 60	3 00
	6 " " " 31 " " @ 40c, sam. 60	2 40
	3 " " " 0000¼ in. bands, @ \$1.75, sam. 60	5 25
	3 " " " 000¼ " " @ 75c, sam. 60	2 25
	3 " " " 00¼ " " @ 62c, " 60	1 88
	2 No. 1 Spenc. pens, @ 75c, sam. 38b	1 50
	1 doz. Gisburn ruling pens	1 50
15	Theo. L. Backus, For 1 lb sponges, sam. 156	1 75
	1 set Jacobs & Chaney's digests	13 00
16	1 M sheets bond paper, 17x22, sam. 10	18 70
1	¼ doz. paper weights, @ \$14.00, sam. 86	3 50
2	10 M 763-6¼ envelopes, @ \$1.42, sam. 210	14 20
	5 " 763-9 " " @ \$2.35, sam. 213	11 25
	5 " 763-10 " " @ \$2.35, sam. 214	11 75
	4 " 763-11 " " @ \$2.95, sam. 215	11 80
Feb. 28	A. M. Emery, For Higgin's ink, 25c; gloss black ink, 10c	25
	¼ dozen Crow quill pens, @ 50c	25
Mar. 3	1 M gilt seals, No. 18, item 50	3 35
6	1 box novelty fasteners	50
	1 " ¼ inch "	50
9	1 T square, Webber	2 50
	2 memo., " item 10	20
	2 rubber stamps, Webber, @ 25c	50
10	3 duplicates T. W. ribbons, item 143, @ \$1.25	3 75
13	182 legal wrappers, @ \$2.50	4 58
22	1 index, Hewitt	25
	<i>Allowed April 26, 1893.</i>	
April 19	Ihling Bros. & Everard, For 10¼ M envelopes, open end, special, @ \$7.50	78 75
	6 Fountain sponge cups, @ 50c, sam. 62A	3 00
Mar. 23	Theo. L. Backus, For 1 M 763-11 envelopes, sam. 215	2 95
31	A. M. Emery, For 1 box fine envelopes, J. W. Jochim	50
	<i>Allowed May 31, 1893.</i>	
May 20	Ihling Bros. & Everard, For 3 reams 17x22, 20 lb Hornet linen, @ 25c, sam. 24	15 00
	lithographing 6 M letter heads, @ \$3.00	18 60
28	64 reams 17x22, 24 lb fine, @ 10c, sam. 21	153 00
April 28	Theo. L. Backus, For 2 M sheets No. 21, 17x22 bond paper @ \$18.70, sam. 10	37 40
	2 M " " 31, 19x24 " " @ \$20.80, " 11	41 60
	2 M " " 25, 17x22 " " @ \$21.60, " 13	43 20
	2 M " " 25, 19x24 " " @ \$24.50, " 14	49 00
May 8	A. M. Emery, For 1 triangular scale	1 50
	<i>Allowed June 28, 1893.</i>	
June 16	Theo. L. Backus, For 1 dozen purple cop. caligraph ribbons, sam. 143	6 00
	1 " " " Smith Premier ribbon, sam. 142	7 50
May 31	2 M envelopes @ \$1.42, sam. 210	2 84
June 13	4 reams No. 13 dark green cover paper @ \$6.50, n. o. c.	26 00
17	1¼ " " " 13 " " @ \$6.50, n. o. c.	9 75
May 27	Ihling Bros. & Everard, For 56 reams 14x17, 18 lb superfine @ 13½c, sam. 22	136 08
	lithographing 6 M letter heads @ \$3.00	18 00
31	ruling 2 M letter heads @ 50c	1 00
	blocking 2 M letter heads, 20 blocks, @ 2c	40
	lithographing 12 M note heads @ \$2.50	30 00
	ruling 12 M note heads @ 25c	8 00
	blocking 12 M note heads, 120 blocks, @ 1c	1 20
	Amount carried forward	\$3,291 09

Secretary of State vs. The State of Michigan.

STATIONERY..

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$3,291 09
June 12	Ihling Bros. & Everard,	
	For 1 gross No. 35 Spencerian pens, sam. 32B.....	75
	1 " " 30 Gillott's " " 33K.....	35
	1 " " 13 Ginc. " " 32E.....	1 50
	1/4 " blue pencils @ \$3.75, " 32a.....	2 87
	1/4 " green " " 31a.....	2 87
	3 M B. eyelets @ 36c.....	1 08
	3 dozen comb. erasers @ \$1.40, sam. 59.....	4 20
	3 " penholders, 1, 2, 3, @ \$1.00, sam. 49.....	3 00
	500 No. 1 Globe legal wrappers @ \$3.00.....	15 00
10	30 reams manilla paper 36x40, 2,425 lbs. @ 7c, sam. 4.....	169 75
9	30 " gray manilla paper 40x48, 5,811 lbs. @ 4 1/4 c. sam. 3.....	246 97
16	2 " Crane's typewriter paper, @ \$1.25, sam. 146.....	2 50
	1 " " 5 lbs.....	2 50
	1 " 17x28, 20 lb Hornet linen cut for typewriter, @ 25c, sam. 24.....	5 00
28	F. A. Alexander,	
	For 2 typewriter brushes.....	4 50
12	A. M. Emery,	
	For 3 1/4 dozen carbon @ 35c.....	2 92
26	1/4 gross penholder " 42a, @ \$2.50.....	1 25
	1/4 dozen shears, " 81, @ \$7.00.....	1 75
	1/4 " " 81, @ \$7.00.....	1 88
	1 " paper weights, item 88.....	3 00
	1 rubber stamp pad.....	25
	Total for stationery	\$3,765 48
	RECAPITULATION.	
	General allowance.....	\$9,763 74
	Printing.....	3,535 97
	Binding.....	900 01
	Stationery.....	3,765 48
	Total allowance for Secretary of State.....	\$17,965 20

State Treasurer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	State Treasurer, For postage for month of June.....	\$10 00
June 14	Chilson, McKinley & Co., For directory, city of Lansing.....	5 00
	Telegraph & Telephone Construction Co., For rental of telephone from July 1 to October 1, 1892.....	3 00
20	Michigan Bell Telephone Co., For message to Detroit.....	10 00
28	Western Union Telegraph Co., For messages.....	25
	<i>Allowed August 31, 1892.</i>	64
	State Treasurer, For postage for August.....	10 00
	Seymour Foster, For rent of P. O. drawer I for quarter ending September 30.....	1 00
	Calvert Lithograph Co., For engraving change 2,000 checks on No. 21 bond, perforated, numbered, bound, 2 books 5 deep.....	22 50
	<i>Allowed September 28, 1892.</i>	
Sept. 27	Third National Bank, For express charges on \$15,000 in currency from Detroit.....	8 00
	State Treasurer, For postage for September.....	10 00
	Western Union Telegraph Co., For messages August 22 and 20.....	58
7	American Express Co., For express.....	1 25
	<i>Allowed October 26, 1892.</i>	
	State Treasurer, For postage for October.....	6 00
Oct. 8	A. D. Garner, For fare to Detroit and return on business for State meals at Detroit.....	4 60
	Telegraph & Telephone Construction Co., For rent of telephone from October 1, 1892, to January 1, 1893.....	1 00
	<i>Allowed November 30, 1892.</i>	10 00
Nov. 26	Third National Bank, For express charges on \$10,000 @ 40c per M, prepaid by us.....	4 00
	State Treasurer, For postage for November.....	5 00
14	A. D. Garner, For fare to Detroit and return meals and room in Detroit.....	4 60
	<i>Allowed December 28, 1892.</i>	2 00
	State Treasurer, For postage for month of December.....	8 00
Dec. 27	Third National Bank, For express on \$15,000 currency @ 40c.....	6 00
26	Seymour Foster, postmaster, For rent of drawer I, State Treasury, for quarter ending December 31, 1892.....	1 00
	Western Union Telegraph Co., For messages from November 11 to 20 inclusive.....	2 80
	Michigan Bell Telephone Co., For messages from November 2 to 10 inclusive.....	80
	<i>Allowed January 25, 1893.</i>	
Jan. 17	State Treasurer, For messages from January 9 to 12, inclusive.....	7 25
	1 map.....	1 00
	postage for month of January, 1893.....	10 00
9	Gillett, For repairing safe lock.....	1 00
	Amount carried forward.....	\$155 27

State Treasurer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.	
	<i>Allowed January 25, 1893.</i>		
Jan. 9	Amount brought forward	\$155 27	
	Western Union Telegraph Company, For messages from December 2 to 31, inclusive	1 08	
	D. L. & N. E. R. For freight from Detroit	25	
	American Express Company, For express from December 20 to January 18, inclusive	1 60	
	Michigan Bell Telephone Co., For message December 12	25	
2	J. F. Hambitzer, For expense attending meeting of State Board of Auditors: railroad fare from Hancock to Lansing and return	39 50	
	hotel bill	7 50	
	<i>Allowed February 23, 1893.</i>		
	State Treasurer, For postage for month of February, 1893	12 00	
	Seymour Foster, P. M., For rent of drawer 1, for quarter ending March 31, 1893	1 00	
	Western Union Telegraph Company, For messages from January 18 to 31, inclusive	2 65	
	American Express Company, For express February 6, 1893	55	
	Michigan Bell Telephone Company, For message January 5, 1893	25	
Feb. 6	N. F. Jenison, For 1 dozen towels for office	\$ 00	
Jan. 25	J. F. Hambitzer, For expenses as member of the Board of State Auditors: railroad fare from Hancock to Lansing and return	39 50	
	hotel bill 4 days (including 1 day on Swamp Land Board)	10 00	
	<i>Allowed March 29, 1893.</i>		
Mar. 28	First National Bank, Detroit, For express charges on \$15,000 currency from Detroit	6 00	
Feb. 28		\$10,000	4 00
Mar. 22	The Bradstreet Company, For amount payable March 1, 1893, on account of subscription our agency as per your contract, expiring March 1, 1894	50 00	
	J. F. Hambitzer, For telegrams from February 1 to 13, 1893, inclusive	3 00	
	postage for use in State Treasurer's office for month of March, 1893	12 00	
Mar. 1	C. E. Baxter, 1 copy of Financial Review	2 50	
	United States Express Company, express from Detroit, March 7, 1893	30	
	Western Union Telegraph Company, For messages from February 3, 1893, to 24, inclusive	3 60	
	Michigan Bell Telephone Company, For message, February 13, 1893	25	
Mar. 29	Joseph F. Hambitzer, For railroad fare from Hancock to Lansing and return to attend February meet- ing of Board of State Auditors and other boards	39 50	
	hotel 6 days	15 00	
	<i>Allowed April 26, 1893.</i>		
Apr. 17	First National Bank, Detroit, For express charges on \$15,000 currency from Detroit	6 00	
	Samuel L. Eggleston, For 1 memo. for J. F. Hambitzer	50	
April 14	C. E. Baxter, For expenses to Detroit occasioned by financial flurry: railroad fare, round trip	4 60	
	Russell House, 1 day	3 50	
	hack	50	
18	trip on similar business: railroad fare	4 60	
	parlor car	50	
	hack fare necessitated by urgency of trip	1 00	
	hotel, 1 1/4 days	6 00	
	extra meals enroute	85	
	two telegrams	96	
	Amount carried forward	\$443 56	

State Treasurer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
April 18	Amount brought forward	\$443 56
	State Treasurer,	
	For postage for month of April	12 00
	Western Union Telegraph Co.,	
	For messages, March 8 to 31, 1893, inclusive	2 81
	Michigan Bell Telephone Co.,	
	For messages from March 7, 1893, to 14 inclusive	1 20
	J. F. Hambitzer,	
	For railroad fare to and from Lansing to attend March meeting of Board of State Auditors	30 50
	hotel bill, 6 days	15 00
	<i>Allowed June 28, 1893.</i>	
May 27	State Treasurer,	
	For inspecting and cleaning time lock	10 00
31	postage for use in State Treasurer's office	12 00
9	paid express charges on \$3,000 currency from Detroit @ 40c	3 20
	" " " " \$2,000 silver @ \$1.00	2 00
25	" " " " \$25,000 currency @ 40c	10 00
	C. E. Baxter,	
	For expenses to Detroit, 1½ days on matters connected with department	15 00
	Western Union Telegraph Co.,	
	For messages from April 4 to 12, 1893, inclusive	9 43
	Postal Telegraph Co.,	
	For messages April 8, 1893	39
	Michigan Bell Telephone Co.,	
	For messages from April 2 to 21, 1893, inclusive	1 25
28	L. E. Bowley,	
	For rent of drawer I for quarter ending June 30, 1893	1 00
April 26	J. F. Hambitzer,	
	For fare from Hancock to Lansing and return, meeting of the State Board of Auditors and Board of State Canvassers	30 50
	hotel bill, 6 days	15 00
May 10	fare Hancock to Lansing and return, meeting Board of State Auditors and open bids	30 50
	hotel bill, 4 days	10 00
June 10	B. L. Polk & Co.,	
	For 1 copy Michigan Gazetteer, 1893-4	5 00
27	State Treasurer,	
	For express charges on \$15,000 currency from First National Bank of Detroit @ 40c	6 00
	postage for June	10 00
	box rent to September 30, 1893	1 00
13	C. E. Baxter,	
	For fare to Detroit and return	5 10
	hotel, \$3.00; incidentals, \$1.50	4 50
9	fare to Grand Rapids and return	3 90
	hotel 1½ days, \$1.50; hack, 50c	5 00
20	fare to Detroit and return	5 10
	1½ days, \$1.50; incidentals, \$1.50	6 00
	M. J. and B. M. Buck,	
	For upholstering rocker	6 76
	Michigan Bell Telephone Company,	
	For messages from May 6 to 26, 1893, inclusive	3 43
	American Express Company,	
	For express June 27, 1893	25
	C. E. Baxter,	
	For 2 days at Detroit, fare	5 40
	hotel	7 00
	parlor car and hack	1 50
	telegram	65
May 31	J. F. Hambitzer,	
	For fare Hancock to Lansing and return to attend meeting Board State Auditors	30 50
	hotel 6 days	15 00
	Total for general allowance	\$518 19
	PRINTING.	
	<i>Allowed July 27, 1893</i>	
July 5	Robert Smith & Co.,	
	For 510 credit slips, Third National Bank, sample 46	\$1 65
15	2,000 envelopes, sample 18	80
	Amount carried forward	\$2 45

State Treasurer vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2 45
July 27	Robert Smith & Co.,	
	For 500 large envelopes, sample 19	25
Aug. 11	1,000 blank receipts, sample 8	1 20
16	55 blanks for journals, sample 70	1 00
22	composition on 2,700 copies of report from page 1 to 17, 63,212 ems at 27c....	17 06
	presswork, 36 tokens at 15c	5 40
	<i>Allowed October 26, 1892.</i>	
Oct. 3	Robert Smith & Co.,	
	For 1,000 blank checks, sample 8	1 20
	<i>Allowed January 25, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 326 blanks for registers, sam. 63	3 55
	1,000 envelopes, sam. 18	40
	500 list of drafts First National Bank, copy ink, sam. 46	1 75
	500 statements of accounts, copy ink, sam. 46	1 75
	500 blank cash account, office, sam. 48	2 30
	500 daily statements, sam. 47	1 80
	350 large envelopes, C. E. Baxter, sam. 19	20
	350 " " J. F. Hambitzer, sam. 19	20
	300 return cards, sam. 19	15
	150 certificates of deposit of securities, sam. 28	2 62
	3,000 blanks, make check to order of, sam. 8	3 20
20	500 envelopes, Hambitzer, sam. 18	40
	1,500 " corner card only	80
11	Calvert Lithographing Co.,	
	For design and engraving	15 00
	10,000 checks on pink Nat. safety paper, perforated, numbered, bound, 10	
	books, 4 deep, sp.	85 00
	2,000 letter heads, 8½x11, 500 ruled, 1,500 unruled, all blocked, on Scotch	
	linen	12 50
	<i>Allowed March 29, 1893.</i>	
Feb. 27	Robert Smith & Co.,	
	For 300 blanks records of departments and checks, sam. 68	3 25
	600 " No. 183, sam. 14	1 75
	600 " " 183, with red line, sam. 14	1 75
Mar. 3	650 " daily cash book, sam. 63	2 40
	<i>Allowed May 31, 1893.</i>	
April 26	Robert Smith & Co.,	
	For 500 daily statements, sam. 48	2 30
	200 S. T.—3 pioneers, sam. 13	70
	300 " Michigan reports, sam. 13	80
	300 receipts, C. M. S. banks, sam. 9	80
	<i>Allowed June 28, 1893.</i>	
June 9	Robert Smith & Co.,	
	For 1,000 peddlers' license, sam. 27	3 10
	500 enclosures to pay for peddlers' license, sam. 25	1 48
	100 money slips, sam. 8	1 20
	500 check orders	5 20
	Total for printing	\$134 91
	BINDING.	
	<i>Allowed July 27, 1892.</i>	
July 33	Robert Smith & Co.,	
	For binding 1 Journal, Russia ends and bands, 3 qrs., sam. 28	\$2 25
	paging same, sam. 51	12
	<i>Allowed September 28, 1892.</i>	
Sept. 1	Robert Smith & Co.,	
	For binding 500 reports 1892 with covers, sam. 11	1 83
	pasting 2 signatures in each of same, making 1,000, sam. 54	1 00
13	binding 100 reports (extra binding)	30 00
	Amount carried forward	\$34 75

ANNUAL REPORT OF THE

State Treasurer vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 2	Amount brought forward	\$34 75
	Robert Smith & Co., For blocking 10 statements, sam. 49.....	10
	<i>Allowed April 26, 1898.</i>	
Apr. 11	Robert Smith & Co., For making 80 blocks, sam. 49.....	30
10	16 balance sheets, sam 48.....	1 50
19	250 ext. of statutes relative to peddler's license, sam. 15.....	1 80
	<i>Allowed May 31, 1898.</i>	
May 12	Robert Smith & Co., For binding 1 book of receipts, ¼ red leather, and perforating same.....	1 00
	<i>Allowed June 28, 1898.</i>	
June 7	Robert Smith & Co., For binding 1 hawkers and peddlers' book, 11 quires, sam. 41.....	3 31
	numbering same, 2,000 numbers, sam. 51.....	1 20
	perforating, 50c, (16) blocking order sheets, 40 blocks, 40c, sam. 49.....	90
	Total for binding	\$43 86
	STATIONERY.	
	<i>Allowed December 28, 1892.</i>	
Dec. 12	Theo. L. Backus, For 1 M 768-6½ envelopes, sam. 210.....	\$1 42
	<i>Allowed January 25, 1898.</i>	
Jan. 20	A. M. Emery, For 1 quart Stafford's ink.....	50
7	1 " fluid.....	35
7	Theo. L. Backus, For 2 M No. 6 high cut envelopes, sam. 200, @ \$1.30.....	2 60
21	Ihling Bros. & Everard, For 1 ream 17x22, 24 lb superfine, sam. 22, @ 13¾¢.....	3 24
	2 gross 0000¼ inch bands, sam. 60, @ 58c.....	1 78
	2 " 0000% " " " 60.....	2 25
	2 " 000% " " " 60, @ \$1.50.....	3 00
	1 " 0000% " " " 60.....	2 25
	2 " 1c bands @ 19c.....	38
	2 " 83 " @ 45c.....	90
	1 Kalamazoo letter file.....	65
	<i>Allowed February 23, 1898.</i>	
Feb. 4	Ihling Bros. @ Everard, For ¼ ream 17x22, 24 lb Scotch ledger @ 21c lithographing 2 M note heads..... blocking 2 M note heads..... 1 gross No. 60 Gillott's pens..... 1 " " Gluc.....	2 63 5 00 40 60 1 50
Jan. 27	2 M Coin envelopes..... 1 ruling pen.....	1 54 50
	A. M. Emery, For 1 pint of Carter's crimson fluid.....	80
	<i>Allowed March 29, 1898.</i>	
Mar. 18	Ihling Bros. & Everard. For 1 ream 17x22, 20 lb Hornet linen @ 25c, sam. 24..... lithographing 2 M letter heads @ \$3.00..... " 2 M No. 9 envelopes @ \$3.00..... " 3 M " 6 " " "..... 1 No. 14 Davis' automatic inkstand, N. O. C.....	5 00 6 00 6 00 9 00 4 75
Feb. 24	A. M. Emery, For water bowl and brush.....	50
Mar. 10	2 letter books @ \$2.00.....	4 00
	<i>Allowed May 31, 1898.</i>	
May 12	Ihling Bros. & Everard, For 2 reams 17x22, 24 lb superfine @ 13¾¢, sam. 22.....	6 48
	Amount carried forward	\$74 00

State Treasurer vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
	Amount brought forward	\$74 00
June 9	Theo. L. Backus,	
	For 250 No. 9 cloth lined envelopes @ \$14.95, sam. 223	3 74
	" " 10 " " " 16.45, " 224	4 11
8	1 B sponges, sam. 156	1 75
May 31	2 M envelopes @ \$1.38, sam. 188	2 76
June 12	1 gross No. 1 Gluc. pens, sam. 88 E.	1 50
	Total for stationery	\$37 86
	RECAPITULATION.	
	General allowance	\$812 19
	Printing	124 91
	Binding	43 88
	Stationery	87 86
	Total allowance to State Treasurer	\$1,120 87

Auditor General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
June 20	Telegraph and Telephone Construction Co., For rental of Telephone from July 1 to October 1, 1892.....	\$10 00
	Western Union Telegraph Co., For messages.....	95
	American Express Co., For express June 25 to July 23.....	6 70
July 20	National Express Co., For express, July 18 to 20.....	50
	R. L. Polk & Company, For two copies of Lansing city and Ingham county directory as per contract 1892.....	10 00
14	<i>Allowed August 31, 1892.</i>	
	Postal Telegraph and Cable Co., For message.....	1 09
	Seymour Foster, For rent of P. O. drawer D, for quarter ending September 30.....	2 00
	American Express Co., For express, July 25 to August 27.....	11 80
	National Express Co., For express August 18-23.....	55
	Western Union Telegraph Co., For message.....	29
Sept. 12	<i>Allowed September 28, 1892.</i>	
	National Express Co., For express.....	25
	Western Union Telegraph Co., For messages Aug. 16-17-24.....	1 43
	American Express Co., For express September 2 to 23.....	9 55
	<i>Allowed October 26, 1892.</i>	
	John R. Wood, For subscription for two copies of Wood's official railway guide, September, 1892, to August, 1893, inclusive.....	2 00
Oct. 22	American Express Co., For express September 23 to October 18.....	16 53
18	National Express Co., For express.....	25
	United States Express Co., For express.....	25
	Michigan Bell Telephone Co., For messages for September.....	75
	Telegraph and Telephone Construction Co., For rent of telephone from October 1, 1892 to January 1, 1893.....	10 00
	Western Union Telegraph Co., For messages for September.....	1 23
	<i>Allowed November 30, 1892.</i>	
	Register of U. S. Land Office, For annual abstract of entries from June 1, 1891, to May 31, 1892, descriptions @ 10c.....	33 00
	<i>Allowed December 28, 1892.</i>	
Dec. 17	Thos. D. Mead, receiver, For annual abstract of entries from June 1, 1891, to May 31, 1892, 1,797 descrip- tions @ 10c.....	179 70
26	National Express Co., For express received.....	25
	Seymour Foster, postmaster, For rent of drawer D for Auditor General for quarter ending December 31, 1892.....	2 00
	Western Union Telegraph Co., For messages from November 19 to 26 inclusive.....	50
	Michigan Bell Telephone Co., For messages from November 1 to 26 inclusive.....	1 20
Jan.	<i>Allowed January 25, 1893.</i>	
	J. W. Kincaid, For services as janitor in Auditor General's office for month of January, 1893.....	60 00
	L. Larkin, For services as janitor for month of January, 1893, Auditor General's office.....	60 00
	Amount carried forward.....	\$423 34

BOARD OF STATE AUDITORS.

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Auditor General vs. The State of Michigan.

GENERAL ALLOWANCES.

Date.	Items.	Amount.
<i>Allowed January 25, 1893.</i>		
	Amount brought forward.....	\$423 24
Jan. 9	Harry O. Turner, For trip to Detroit on account of linoleum for the department: Hotel bill, rail- road fare, etc.....	10 50
Oct. 7	C. Alsdorf & Son, For 2 lbs gum arabic, \$2.50; December 8, 2 lbs gum arabic, \$2.50.....	5 00
	Crotty Bros., For 1 card quills, 65c; 1 Higgins' ink, 25c.....	90
	Western Union Telegraph Co., For messages from December 7 to 29, 1892, inclusive.....	1 99
	American Express Co., For express from November 29 to January 16 inclusive.....	2 20
	Michigan Bell Telephone Co., For messages from December 2 to 14 inclusive.....	95
<i>Allowed February 23, 1893.</i>		
	Americanns Water Company, For 125 gallons Americanns water for Auditor General's office one month.....	12 00
	Henry Humphrey, For services in assisting general accountant and use of machine in sprading State tax of 1891, \$200.00, less amount allowed by board, March, \$30.00.....	180 00
	George W. Stone, For services in making the Auditor General's report, 2 months' time required in completing same.....	333 23
	Stanley W. Turner, For railroad fare, hotel bill and expense in collecting railroad taxes.....	23 25
	1 bottle machine oil.....	25
	expenses to Detroit, hotel bill and railroad fare.....	10 50
Feb. 12	Michigan Central Railroad, For freight.....	6 57
10	Seymour Foster, postmaster, For rent of drawer D for quarter ending March 31, 1893.....	2 00
Jan. 23	National Express Company, For express.....	25
	Western Union Telegraph Company, For messages from January 23 to January 28, 1893, inclusive.....	1 20
	American Express Company, For express from January 24, 1893, to February 18, inclusive.....	1 30
	Michigan Bell Telephone Company, For messages from January 11 to 30, 1893, inclusive.....	1 90
Feb. 7	Porteus, Hunter & Company, For 137 yards linoleum, @ 85c, less freight.....	112 22
<i>Allowed March 29, 1893.</i>		
14	Stanley W. Turner, For telegrams.....	54
	printing circulars at Republican office.....	2 50
	Henry Lamson, 1 load of paper to State printer.....	50
	National Express Company, For express from February 21, 1893, to March 17, inclusive.....	75
	United States Express Company, For express from January 8, 1893, to February 17, inclusive.....	79
	American Express Company, Express from March 11, 1893, to 18, inclusive.....	75
	Michigan Bell Telephone Company, For messages from February 2 to 27, 1893, inclusive.....	4 10
	Western Union Telegraph Company, For messages from February 3, 1893, to 23, inclusive.....	3 04
<i>Allowed April 26, 1893.</i>		
	G. Stranb, For hauling 1 load paper to printing office.....	25
Apr. 5	Stanley W. Turner, For railroad fare, Grand Rapids and return.....	4 30
6	hotel bill.....	6 00
19	Detroit and return.....	5 10
20	hotel bill.....	6 00
	collection of plank road tax, Kent county; collection of mining tax from owners in Wayne county.....	
25	Harry O. Turner, For railroad fare, Detroit and return.....	5 10
	hotel bill.....	4 75
	collection of mining tax from owners in Wayne county.....	
	Amount carried forward.....	\$1,145 12

ANNUAL REPORT OF THE

Auditor General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$1,145 12
Jan. 31	C. Alsdorf & Son,	
	For 2-lbs. gum arabic	2 50
April 1	" " " "	2 00
	W. B. Stone & Company,	
	For 1 case for office of Auditor General	58 40
	paint	75
	8 hours' labor, painting extra @ 30c	1 80
	National Express Company,	
	For express from March 25, 1893, to April 15, inclusive	12 84
	United States Express,	
	For express from April 14, 1893, to 15, inclusive	1 38
	American Express Company,	
	For express from March 2, 1893, to April 24, inclusive	32 17
	Western Union Telegraph Company,	
	For messages from March 17 to 23, 1893, inclusive	1 31
	<i>Allowed May 31, 1893.</i>	
	Stanley W. Turner,	
	For services on various boards for the months of January, February, March	
	April and May, hotel bills and traveling expenses	92 10
	United States Express Company,	
	For express May 17, 1893	50
	National Express Company,	
	For express from April 26 to May 24, 1893, inclusive	1 05
	American Express Company,	
	For express from April 26 to May 26, 1893, inclusive	2 90
	Western Union Telegraph Company,	
	For messages from April 5 to 29, 1893, inclusive	4 43
	Postal Telegraph Company,	
	For messages from April 7 to 12, 1893, inclusive	1 00
	Michigan Bell Telephone Company,	
	For messages from April 1 to 27, 1893, inclusive	5 65
	L. E. Rowley, postmaster,	
	For rent of drawer D for quarter ending June 30, 1893	2 00
	<i>Allowed June 28, 1893.</i>	
May 31	Callaghan & Co.,	
	For Jacobs & Chaney's Michigan Digest, 2 Vols.	13 00
	R. L. Polk & Co.,	
	For 2 Michigan Gazetteers, 1893	10 00
June 28	Stanley W. Turner,	
	For attending board meeting: Fare, hotel, etc., month of June	18 42
April 29	Harry O. Turner,	
	For railroad fare, Chicago and return	9 90
	sleeper and return, \$4.00; hotel, \$12.00; car fare, 80c	16 30
	collecting mining taxes by order of Auditor General.	
	Western Union Telegraph Co.,	
	For messages from May 20 to 25, 1893, inclusive	1 63
	Michigan Bell Telephone Co.,	
	For messages from May 1 to 31, 1893, inclusive	3 96
	American Express Co.,	
	For express from May 29 to June 26, 1893, inclusive	22 69
	United States Express Co.,	
	For express from June 13 to 21, 1893, inclusive	2 54
	National Express Co.,	
	For Express from June 2 to 24, 1893, inclusive	4 49
	Americanna Water Co.,	
	For Americanna water from April 27 to June 21, 1893, inclusive, 71 gallons @ 10c	7 10
	Total for general allowance	\$1,477 52
	PRINTING.	
	<i>Allowed July 27, 1893.</i>	
July 5	Robert Smith & Co.,	
	For 600 blanks No. 104J, sam. 54	\$2 63
	1,200 " " 104 short, sam. 54	3 27
	90 " " for daily summary, sam 32	6 00
	130 " " moneys received, sam. 60	11 00
	150 " " disbursed " 60	11 00
	200 " " daily business " 61	20 50
	100 " " No. 213, copy ink, sam. 14	1 05
	100 " " 214, " " 14	1 05
	Amount carried forward	\$56 90

BOARD OF STATE AUDITORS.

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Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 5	Amount brought forward	\$36 00
	Robert Smith & Co.,	
	For 300 blanks, No. 148, sam. 54	2 18
	200 " " 19, " 8	40
	200 " " 61, " 8	40
	19,200 " county, No. 60, sam. 32	34 65
	100 " No. 88, sam. 15	1 50
	100 " " 181, " 11	25
	300 " G " 26	1 74
	100 " I, " 26	1 50
	100 " No. 245, " 14	1 00
	100 " " 181, " 27	1 75
	400 " " 188, " 14	1 45
	950 " " 78c. " 58	4 75
	50 " delinquent tax, sam. 62	6 50
	20 " tax department, sam. 62	6 50
18	10 " apportionment, " 62	6 50
	30 " receipts, tax department, sam. 62	6 50
	26 " heading and list of counties, sam. 62	6 50
	250 " " " 62	8 00
	26 " insurance redemption, etc., " 62	6 50
	5,760 " for tax record, " 63	23 45
	200 " title page to tax record, " 63	2 85
<i>Allowed August 31, 1892.</i>		
27	Robert Smith & Co.,	
	For 30 blanks, amount credited counties, sam. 62	6 50
	20 " " charged " 62	6 50
	18 " " county, day book, sam. 62	6 50
	30 " " interest charged county, day book, sam. 62	6 50
	30 " " delinquent, sam. 62	6 50
	18 " receipts public lands, sam. 62	6 50
	18 " proceeds of sale, " 62	6 50
	30 " private sale, " 62	6 50
	26 " ruled and faint lined, " 70	1 00
	30 " " faint lines only, " 70	1 00
	2,840 " 82 l., sam. 54	5 50
	2,880 " 88 c. c., " 54	5 50
	5,760 " 83 c. c. c., " 54	9 12
	500 postal cards, X, " 8	70
28	2,840 blanks, No. 98, " 11	5 31
	400 " 2 d., " 14	1 45
	200 " 104 c., " 54	2 13
	1,200 " 141 p., " 54	3 38
	1,200 " 141 q., " 54	3 38
	400 " No. 32, " 81	2 45
	12 " credits to county, sam. 62	6 50
	500 " No. 248, copy ink, " 13	1 25
Aug. 16	500 " 2 E. copy ink, " 13	1 25
	20,000 large envelopes, " 19	10 00
	100 blanks, 238, copy ink, " 14	1 05
	1,000 slips, return to chief clerk, sam. 8	1 20
	100 postal cards, 2 sides, " 24	1 00
22	composition on 300 copies of financial statement from page 1 to 13, 152,255 ems @ 2 c.	\$5 70
	presswork, 4 tokens @ 15c	60
<i>Allowed September 26, 1892.</i>		
Sept. 9	Robert Smith & Co.,	
	For 600 blanks, No. 221, sam. 31	2 75
	400 vouchers, public laws, sam. 26	1 88
	500 blanks, V, copy ink, " 13	1 25
	500 postal cards, clerk of county, sam. 24	1 64
	500 blanks, M, copy ink, sam. 13	1 25
13	1,000 " No. 172, " 31	3 35
	200 vouchers, public laws, " 26	1 72
	500 blanks, M, copy ink, " 13	1 25
14	950 " No. 256, " 31	3 35
	480 " " 111, " 56	9 00
	480 " " 111 1/2, " 56	9 00
	1,300 " " 72 A, " 54	3 23
	480 " " 257, " 69	3 65
	200 " " 40, small form, sam. 38	2 90
	200 " " 40, medium, " 38	2 90
	360 " " 40, faint lined, " 35	2 75
	200 " " 40, large form, " 35	2 90
	Amount carried forward	\$338 49

Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
Sept. 14	Amount brought forward	\$388 49
	Robert Smith & Co.,	
	For 1,000 blanks, No. 234 h, sam. 54	3 12
	1,000 " " 234 i, " 54	3 12
	960 " " 209, " 67	4 50
	<i>Allowed October 26, 1892.</i>	
Oct. 8	Robert Smith & Co.,	
	For 460 tax record paper, sam. 63	5 65
	500 blanks, A. A., copy ink, sam. 14	1 85
	500 postal cards X, " 8	70
	500 " " X, 2d form, " 8	70
	400 blanks, 70 e. e., " 67	3 00
	<i>Allowed December 28, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 2,700 copies of appendix to report from page 1 to 160, and	483 78
	on reprint of pages 19, 29 and 30, 1,791,809 ems @ 27c	41 40
	presswork, 276 tokens @ 15c	
	alteration on copy as follows, viz.: Gallies 1 to 16, 3 1/4 hours; gallies 18 to 23,	3 75
	1 hour; gallies 24 to 63, 4 1/4 hours; gallies 64 to 73, 1 hour; page proof sigs	29 27
	5 and 6, 2 1/4 hours; 12 1/2 hours @ 30c	11 70
	composition on 3,000 copies of report from pages 1 to 48, 108,424 ems @ 27c ..	
	presswork, 78 tokens @ 15c	6 60
	480 tables, State tax, sam. 23 1/4	5 40
	480 sheets for check book, sam. 22	3 25
	1,200 blanks, 104 J, " 54	2 50
	500 " 259, " 54	3 00
	400 " 70dd, " 67	3 75
	1,920 " 266, " 54	5 50
	2,880 " 163 d, " 54	2 50
	30 " for order book, " 68	2 27
	400 " 123, " 54	2 50
	500 " 217, " 54	2 50
	500 " 218, " 54	2 50
	500 " 219, " 54	1 86
	400 " 151, " 17	1 50
	100 " 213, " 17	5 70
	2,830 " 242, " 30	1 00
	2,000 endorsements on vouchers, 2 forms, 2 sides	8 00
	20,000 manilla envelopes, sam. 18	7 58
	3,840 blanks, 244 sam. 55	1 25
	500 " M, copy ink, sam. 13	2 60
	500 " 263, " 31	1 08
	100 " M, " 14	50
	work on filing canceled	60
	100 circulars to county clerks, sam. 18	70
	500 shipping directions, " 8	1 00
	500 circulars to county treasurer, sam. 13	2 45
	400 deeds, No. 221, " 31	1 50
	100 blanks, No. 55, " 26	1 20
	1,000 shipping labels, " 8	2 45
	400 deeds, No. 34, " 31	2 25
	1,000 blanks, No. 236, " 14	1 70
	500 notice, money refunded, copy ink, sam. 46	120 65
	48,000 county blanks, No. 53, " 65	4 00
	500 blank letter register, etc., " 64	4 00
	600 " " tax department, sam 64	1 75
	100 No. 26 1/4, sam. 27	1 90
	200 " 20 1/4, " 27	2 25
	1,000 " 194, " 45	1 15
	200 " 2 d, " 14	3 00
22	50 interest cards, 6 per cent	2 00
	50 " " 12 "	2 00
	50 " " 18 "	3 00
	50 " " 27 1/4 "	2 00
	50 " " 33 1/4 "	2 00
	50 " " 39 1/4 "	2 00
	50 " " 45 1/4 "	2 30
	50 " " 51 1/4 "	2 00
	50 " " 57 1/4 "	3 00
	50 " " 63 1/4 "	2 00
	50 " " 69 1/4 "	3 00
	50 " " 75 1/4 "	3 00
	50 " " 81 1/4 "	3 00
	50 " " 87 1/4 "	3 00
	Amount carried forward	\$1,246 32

BOARD OF STATE AUDITORS.

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Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Dec. 23	Amount brought forward	\$1,246 38
	Robert Smith & Co.,	
	For 50 interest cards, 93% per cent.	\$ 00
	50 " " " 99% "	\$ 00
	50 " " " 105% "	\$ 00
	50 " " " 111% "	\$ 00
	50 " " " 117% "	\$ 00
	50 " " " 123% "	\$ 00
	50 " " " 129% "	\$ 00
	50 " " " 135% "	\$ 00
	128 sheets bristol board for above @ 6c	7 38
	<i>Allowed January 28, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 15,260 blanks, county No. 3, Sam. 69	55 80
	600 deeds, No. 172, sam. 32	2 75
	400 " " " 32, " 31	2 45
	200 " " " 33, " 31	2 15
	200 " " " 35, " 31	2 15
	200 " " " 174, " 31	3 15
	200 " " " 223, " 31	2 15
	800 blanks, No. 150 1/4, sam. 58	4 25
	400 " " " 150, " 65	1 65
	200 " " " 150 1/4, " 71	2 75
	500 " " " 6, " 58	\$ 50
	200 " " " 87b, " 71	2 75
	960 " " " 79g, " 54	\$ 12
	2,280 " " " 29e, " 54	5 50
	500 " " " M. copying ink, sam. 13	1 25
	1,920 " " " 256, sam. 31	4 65
	408 " " " 30a, " 45	1 45
	100 rules to be, etc., " 14	1 00
	400 blanks, ruling only, sam. 37	1 10
17	composition on 2,700 copies of report from page 161 to 320, 1,639,025 ems @ 7c	442 53
	presswork, 240 tokens @ 15c	36 00
	alteration on copy: Galleys 74 to 91, 2 hours; 92 to 99, 1/2 hour; 3 1/2 hours @ 30c	1 06
	<i>Allowed February 23, 1893.</i>	
26	Robert Smith & Co.,	
	For 3,810 county, No. 169, sam. 63	15 45
	cutting one ream blotting paper, 9 cuts, sam. 50	90
	100 county treasurer and county clerk, No. 43, sam. 23 1/4	6 00
	1,200 blanks, No. 86, " 54	3 38
	2,000 time slips for general account, " 8	2 20
	400 blanks, asking for report of State tax, " 13	90
13	100 " " 156c, " 21	70
	980 " " 257, " 63	5 65
	400 " " asking for report of State tax, " 13	90
	composition on 2,700 copies of report from page 321 to 464, 1,516,033 ems @ 27c	409 33
	presswork, 216 tokens @ 15c	32 40
Dec. 31	Ihling Bros. & Evarard,	
	For lithographing 10 M No. 6 1/4 envelopes, @ \$2.50	25 00
	" 5 M " 9 " "	12 50
	" 5 M " 10 " "	12 50
	<i>Allowed March 23, 1893.</i>	
Mar. 22	Robert Smith & Co.,	
	For composition on 2,700 reports from page 465 to 541, and context i to l, 900,906 ems @ 27c	243 24
	presswork, 204 tokens @ 15c	30 60
	composition on 1,000 copies of first quarterly financial statement of Auditor General S. W. Turner from page i to 7, 70,321 ems @ 27c	18 98
	presswork, 5 tokens @ 15c	75
Feb. 18	1,000 covers, tax law, sam. 21	2 05
	200 blanks, 103 B, " 47	1 20
	960 " " 73 a a, " 54	3 12
	1,000 deposit slips, " 45	2 25
27	100 blanks, 158 i, " 25	1 00
	200 " " 156c, " 25	1 12
	1,800 " " 104 short, sam. 54	4 13
	100 circulars to county treasurers, sam. 13	60
	2,000 bookkeepers' balance, county account books, sam. 61	65 50
	Amount carried forward	\$2,762 52

Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
Mar. 3	Amount brought forward.....	\$2,762 52
	Robert Smith & Co.,	
	For 2,880 blanks, No. 98 a sam. 54.....	5 50
	9,600 " county No. 3, sam. 63.....	35 75
15	400 " No. 46, sam. 46.....	1 35
	200 " " 156 D, sam. 25.....	1 00
	200 " " 102, copy ink, sam. 46.....	1 15
	400 " " 186, " " 46.....	1 55
	500 " " 21, " " 18.....	1 25
	500 " one side black and one side copy ink, sam. 25.....	1 73
	500 postal cards, dup. tax receipt, sam. 24.....	1 64
	111,886 blanks, county, No. 2, sam. 63.....	398 80
	<i>Allowed April 26, 1893.</i>	
Apr. 10	Robert Smith & Co.,	
	For 400 blanks, No. 156 b, sam. 54.....	2 37
	200 " " 156 h, " 54.....	2 13
	400 " " 108, " 46.....	1 35
	480 " " 210, " 71.....	3 50
	480 " " 211, " 71.....	3 50
	200 " " 56, " 63.....	7 25
	19,200 " county, No. 14, sam. 55.....	32 06
	400 " No. 248, sam. 54.....	2 28
	400 " " 218, " 54.....	2 37
	200 " " 208, " 55.....	1 06
	9,600 " county, No. 8, sam. 63.....	35 75
	1,920 " No. 31, sam. 17.....	3 78
	3,840 " " 118, " 14.....	6 70
	1,920 " " 164, " 14.....	3 85
	2,880 " county, No. 195, sam. 559.....	5 98
	960 " No. 240, sam. 17.....	2 18
	3,840 " " 95 u, " 30.....	7 70
	960 " " 93 v, " 30.....	3 35
	1,920 " " 15, " 17.....	3 78
	100 " " H, " 25.....	1 00
	500 postal cards, sam. 8.....	70
	200 certificates, No. 61, sam. 8.....	40
	5,760 blanks, county, No. 169, sam. 63.....	22 45
10	100 notice, sale tax lands, sam. 14.....	1 00
	100 circulars, sale State tax lands, sam. 14.....	1 00
	100 notice, " blanks, sam. 14.....	1 00
	6,000 leaflet tax law amendments, sam. 30.....	10 85
	200 blanks, a, sam. 28.....	2 62
	960 " No. 229 a, sam. 17.....	2 18
	400 " " 128, " 54.....	2 37
	100 memo slips, " 8.....	30
	449,008 blanks, county, No. 1, sam. 32.....	679 50
	960 " " 30A, " 45.....	2 35
	1,920 " " 80, " 45.....	3 85
	30 liquor cards, No. 91 K, sam. 22.....	5 30
	2,000 " " 95 J, " 22.....	7 85
	4,000 " " 95 I, " 22.....	10 85
	1,000 wrappers for dup. reports, sam. 20.....	1 00
	200 blanks, No. 20 1/2, sam. 27.....	1 90
	4,800 " county, No. 169, sam. 63.....	18 95
	5,760 " " 60, " 33.....	14 55
	9,600 " " 164, " 14.....	15 25
	1,920 " " 164, " 14.....	3 85
	labor performed on liquor license cards, No. 95 l, and subsequently countermanded.....	1 50
	<i>Allowed May 31, 1893.</i>	
May 24	West. Publishing Co.,	
	For back tax titles.....	6 30
Apr. 24	Robert Smith & Co.,	
	For 500 blanks, 156 a, sam. 54.....	2 50
	100 " 1569 " 21.....	2 00
	100 " 149, " 69.....	2 50
	4,800 " return for Detroit, sam. 65.....	15 70
	19,200 " county, No. 59, sam. 32.....	48 65
	19,200 " " 80, " 35.....	5 82
	2,880 " " 196, " 55.....	34 65
	960 " " 197, " 14.....	2 94
	1,920 " " 241, " 27.....	3 85
	3,840 " " 95S, " 30.....	7 45
	7,680 " " 16, " 69.....	12 40
	Amount carried forward.....	\$4,301 01

Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
Apr. 24	Amount brought forward	\$4,301 01
	Robert Smith & Co.,	
	For 900 blanks, county, No. 95c, sam. 29	5 40
	200 " " " 25, " 54	2 15
	400 " " " 85c, " 25	2 38
	2,000 advance copies not relative to taxes, sam. 8	8 28
	200 blanks, No. 19, sam. 54	40
	100 " " 254, " 28	2 00
	480 " " 800, " 17	4 10
	2,000 " county, No. 31, sam. 13	8 78
	200 " B, sam. 57	70
	200 " No. 208, sam. 57	4 30
	200 " " 243, " 57	4 30
	200 " " 246, " 60	4 30
May 1	640 " for auxiliary, sam. 31	26 00
	50 deeds, No. 224, sam. 31	2 00
	50 " " 171, " 31	2 00
	50 " " 180, " 31	2 00
	50 " " 854, sam. 31	2 00
	50 " " 146, " 31	2 00
	50 " " 177, " 14	3 00
	100 blanks, E, sam. 25	1 00
	500 " H, " 18	1 48
	100 " K, " 14	1 60
	200 " Q, " 45	1 15
	200 " No. 49, sam. 14	1 15
	200 " " 2d, " 54	1 15
	1,000 " " 22, " 54	3 12
	1,000 " " 100, " 54	3 12
	1,000 " " 105, " 54	3 12
	1,000 " " 28, " 54	3 12
	1,000 " " 28 1/4, " 54	3 12
	500 " " 56, " 62	9 50
	25,000 " county, No. 60, sam. 32	43 35
	10,000 " " 14, " 55	17 84
	4,000 " No. 23, sam. 54	6 87
	6,000 " 28 1/4, sam. 54	9 28
	100 " county treasurer, State tax lands, sam. 18	60
	800 " in account, sam. 14	1 30
	500 " No. 154 B, sam. 54	2 50
	3,000 " 141 r, " 67	9 50
	300 forms of numbers for file boxes, sam. 79	1 50
	500 blanks, daily footings, sam. 15	2 10
	20,000 envelopes, No. 6, " 18	8 00
	500 postal blanks X, " 8	70
	50 forms letters and figures for files, sam. 79	1 00
	10,000 blanks, 95 U, sam. 27	16 60
	1,000 " 218, " 54	3 12
	labor on blanks No. 73 countermanded	1 50
	1,000 blanks, M. copy ink, sam. 13	2 00
	ruling 900 paper for office use, sam. 37	2 30
	50 deeds No. 31 1/4, sam. 31	2 00
	50 " 222, " 31	2 00
	4,000 blanks, No. 22, " 54	6 88
	100 opinions of Auditor General, 4 pages, sam. 28	2 50
	4,800 blanks, county, No. 60, sam. 32	13 05
	1,000 envelopes No. 8, sam. 19	60
	1,000 blanks, No. 317, sam. 54	3 12
	2,000 " 95 V, " 30	4 85
	500 " " 219, " 54	2 50
	500 " " 124, " 54	2 50
	2,000 deeds, " 258, " 31	4 85
	500 " " 195, " 28	3 64
	120 pub. affidavit, " 30	2 15
	500 H, sam. 30	2 60
	1,000 No. 78 c, sam. 58	4 75
	500 P. S. vouchers, No. 52, sam. 25	1 48
	1,000 comp slips, sam. 8	1 20
Apr. 25	480 index paper, general, sam. 65	1 90
	480 supplementary, sam. 65	1 90
	<i>Allowed June 28, 1893.</i>	
June 9	Robert Smith & Co.,	
	For 50 deeds, No. 173, sam. 31	2 00
	50 " " 32 1/4, " 31	2 00
	50 " " 33 1/4, " 31	2 00
	Amount carried forward	\$4,607 80

ANNUAL REPORT OF THE

Auditor General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
June 9	Amount brought forward	\$4,807 80
	Robert Smith & Co.,	
	For 50 deeds, No. 175, sam. 81	2 00
	50 " " 189, " 81	2 00
	20,000 blanks, county, No. 88, sam. 65	50 65
	20,000 " " 60, " 33	35 85
	1,000 " " No. 3 E, copy ink, sam. 13	2 00
	300 " " mail register, " 69	2 25
	500 " " No. 78 a, short, " 54	2 50
	500 " " 78 a, long, " 54	2 80
	500 " " 201 a, sam. 54	2 50
	500 " " 201 a, " 67	3 25
	2,500 " " 262, " 46	4 50
	300 " " 251 b, " 54	2 25
	300 " " 251 a, " 54	2 25
	300 " " 251, " 54	2 25
	10,000 " " 81 q, " 54	14 87
	5,000 " " 81 h, " 54	8 13
	2,500 " " 81 n, " 54	5 00
	10,000 " " 81 i, " 54	14 87
	2,500 " " 81 j, " 54	5 00
	1,000 " " 81 o, " 54	8 13
	500 " " 81 bb, " 67	3 25
	1,000 deeds, " 256, " 81	8 25
	200 instructions, plats, " 32	6 15
	200 circulars, dedication, sam. 14	1 15
	500 blanks, county, No. 12, " 55	2 14
	1,000 " " 3, " 63	5 65
	100 " " No. 40, 19x24 inches, sam. 35	2 00
	150 " " 40, 16x24 " " 35	2 25
	150 " " 40, 12x24 " " 35	2 25
	150 " " 40, 7x24 " " 35	2 25
	570 " " 40, 8 and 4x24 inches, sam. 35	8 25
	alteration on index to tax laws: 11 galleys, 5¼ hours @ 30c	1 65
	200 office rule, sam. 14	1 15
	500 blanks, No. 18, sam. 8	70
	1,000 " " 220, ¼ sheet, sam. 54	8 13
	500 " " 220, ½ " " 54	2 50
	300 " " 220, full " " 54	2 25
	1,000 " " 240, sam. 17	2 58
	1,000 " " 242, " 25	3 58
	500 " " 1, " 54	2 50
	100 " " note circulars, sam. 13	60
	500 " " No. 1507, sam. 32	6 60
	1,000 deeds, sam. 81	8 25
	500 ¼ note circulars, sam. 13	1 00
	20,000 county treasurers' certificates, sam. 11	24 63
	250 No. 3 L, copy ink, sam. 27	2 08
	composition on 400 copies of financial statement from page 1 to 7, 2d statement, 68,168 ems @ 27c	17 57
	presswork, 2 tokens @ 15c	30
	composition on 10,000 copies of tax law, 1893, from page 1 to 88, 136,753 ems, 56 pages @ 24c	32 81
	31 pages, 159,841 ems @ 27c	43 16
	presswork, 462 tokens @ 15c	69 30
	Total for printing	\$5,080 35
	<i>BINDING.</i>	
	<i>Allowed July 27, 1892.</i>	
July 20	Robert Smith & Co.,	
	For binding 2 tax records, Wayne county, ¼ sheep, 11 quires, sam. 40	\$2 75
	paging same, sam. 51	60
7	binding 2 tax records, 1893, Emmet county, 4 quires, sam. 40	1 00
	paging same, sam. 51	18
	binding 2 tax records, 1893, Clare county, 3 quires, sam. 40	75
	paging same, sam. 51	13
	binding 2 tax records, 1893, Ingham county, 2 quires, sam. 40	50
	paging same, sam. 51	12
	binding 2 tax records, 1893, Sanilac county, 4 quires, sam. 40	1 00
	paging same, sam. 51	18
	binding 2 tax records, 1893, Schoolcraft county, 3 quires, sam. 40	75
	paging same, sam. 51	18
	binding 2 tax records, 1893, Roscommon county, 4 quires, sam. 40	1 00
	paging same, sam. 51	18
	The above ¼ sheep	
	Amount carried forward	\$9 37

Auditor General vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 1	Amount brought forward.....	\$9 87
	Robert Smith & Co.,	
	For binding letters Sa to Sq, 38 quires, sam. 43.....	3 04
	" " St to Sv and T, 38 quires, sam 43.....	3 04
	" " U. V. Wa to We, 26 quires, sam. 43.....	2 06
	" " N. O. to Pa. 29 " " 43.....	2 22
	" " Wh. Wy Y. Z., 26 " " 43.....	2 06
	" " P to Pe, 24 " " 43.....	1 92
	" " Pe and Pa, 15 " " 43.....	1 20
	" " Q and R, 30 " " 43.....	2 40
	cutting index in each @ 25c.....	2 00
	All the above 1/4 roan.	
23	binding 2 tax records, Cheboygan county, 1/2 sheep, 5 quires, sam. 40.....	1 25
	paging same, sam. 51.....	18
	binding 1 letter book, Ha. He., 27 quires, sam. 43.....	2 16
	" " " Hi Hy., 28 " " 43.....	1 84
	" " " I. J. K., 33 " " 43.....	2 64
	" " " L., 28 " " 43.....	2 24
	" " " Ma. Me., 28 " " 43.....	2 24
	" " " Me. My., 31 " " 43.....	2 45
	cutting index in each, sam. 25.....	1 50
	folding 50 blanks, No. 1285.....	08
	" " " 30 " " 1289.....	03
	" " " 10 " " 1290.....	08
	" " " 30 " " 1291.....	08
	" " " 24 " " 1297.....	08
	" " " 26 " " 1302.....	08
	" " " 250 " " sam. 16.....	11 20
1	binding 2 daily business, Russia ends and bands, each 7 quires, sam. 27.....	60
	paging same.....	1 08
	making 108 blocks, sam. 49.....	25
	perforating 100 clerk's blanks.....	25
	" " " 100 blanks, No. 1.....	09
12	folding 250 blanks.....	1 00
15	binding 2 tax records, Alcona Co., 4 quires.....	24
	paging same.....	75
	binding 2 tax records, Baraga Co., 3 quires.....	18
	paging same.....	50
	binding 2 tax records, Berrien Co., 2 quires.....	12
	paging same.....	75
	binding 2 tax records, Crawford Co., 3 quires.....	18
	paging same.....	3 00
	binding 2 tax records, Delta Co., 8 quires.....	43
	paging same.....	50
	binding 2 tax records, Eaton Co., 2 quires.....	12
	paging same.....	75
	binding 2 tax records, Gladwin Co., 3 quires.....	18
	paging same.....	50
	binding 2 tax records, Genesee Co., 2 quires.....	13
	paging.....	75
	binding 2 tax records, Huron Co., 8 quires.....	18
	paging.....	1 25
	binding 2 tax records, Iron Co., 5 quires.....	30
	paging.....	75
	binding 2 tax records, Isabella Co., 3 quires.....	18
	paging.....	50
	binding 2 tax records, Keweenaw Co., 2 quires.....	12
	paging.....	75
	binding 2 tax records, Lake Co., 3 quires.....	18
	paging.....	50
	binding 2 tax records, Leelenaw Co., 2 quires.....	12
	paging.....	50
	binding 2 tax records, Manitou Co., 2 quires.....	13
	paging.....	50
	binding 2 tax records, Macomb Co., 2 quires.....	13
	paging.....	50
	binding 2 tax records, Mackinac Co., 5 quires.....	1 25
	paging.....	30
	binding 2 tax records, Mason Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Midland Co., 4 quires.....	1 00
	paging.....	24
	binding 2 tax records, Montmorency Co., 5 quires.....	1 25
	paging.....	34
	binding 2 tax records, Oceana Co., 3 quires.....	75
	paging.....	18
	Amount carried forward.....	\$80 99

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BINDING.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 15	Amount brought forward	\$80 99
	Robert Smith & Co.,	
	For binding 2 tax records, Ogemaw Co., 4 quires	1 00
	paging, sam. 51	24
	binding 2 tax records, Oscoda Co., 3 quires	75
	paging, sam. 51	18
	binding 2 tax records, Otsego Co., 3 quires	75
	paging	12
	binding 2 tax records, Presque Isle Co., 6 quires	1 50
	paging, sam. 51	30
	The above ¼ sheep and sample 40.	
	<i>Allowed August 31, 1892.</i>	
Aug. 6	Robert Smith & Co.,	
	For taking apart tax record, Iron Co., Vol. 2, 1893, and adding extra leaves and	
	rebinding same, ¼ sheep, 9 quires, sam. 40	2 25
	paging extra leaves, sam. 51	12
9	binding 1 day book S, Russia ends and bands, 14 quires, sam. 27, @ 80 c	11 20
	paging same, sam. 51	78
July 23	canvas cover for same	1 00
Aug. 2	ruling 3 reams letter heads	1 20
	cutting manilla paper, 5 cuts, sam. 50	50
10	folding 12 tax blanks, sam. 16	03
18	reewetting and placing in old cover 1 Howell's Statutes	50
	binding without covers 300 pamphlets financial statement, Charitable,	
	Penal and Reformatory Institutions, sam. 13	69
Aug. 23	taking apart, adding extra leaves and replacing in old cover 2 tax records	
	of Montmorency Co.	2 00
	paging same, sam. 51	06
	taking apart, adding extra leaves and replacing in old covers 2 tax records,	
	Berrien Co.	3 00
	paging same, sam. 51	06
	<i>Allowed September 28, 1892.</i>	
31	Robert Smith & Co.,	
	For binding 2 tax records, Alger Co., 3 quires	75
	paging, sam. 51	18
	binding 2 tax records, Alpena Co., 5 quires	1 25
	paging	30
	binding 2 tax records, Antrim Co., 2 quires	50
	paging	12
	binding 2 tax records, Barry Co., 2 quires	60
	paging	12
	binding 2 tax records, Charlevoix Co., 2 quires	50
	paging	12
	binding 2 tax records, Chippewa Co., 9 quires	2 25
	paging	54
	binding 2 tax records, Clinton Co., 2 quires	50
	paging	12
	binding 2 tax records, Gogebic Co., 5 quires	1 25
	paging	80
	binding 2 tax records, Grand Traverse Co., 2 quires	50
	paging	12
	binding 2 tax records, Hillsdale Co., 2 quires	50
	paging	12
	binding 2 tax records, Houghton Co., 3 quires	75
	paging	18
	binding 2 tax records, Ionia Co., 2 quires	50
	paging	12
	binding 2 tax records, Isosco Co., 5 quires	1 25
	paging	30
	binding 2 tax records, Jackson Co., 5 quires	1 25
	paging	30
	binding 2 tax records, Kalkaska Co., 3 quires	75
	paging	18
	binding 2 tax records, Lapeer Co., 2 quires	50
	paging	12
	binding 2 tax records, Livingston Co., 2 quires	50
	paging	12
	binding 2 tax records, Luce Co., 3 quires	50
	paging	12
	binding 2 tax records, Manistee Co., 4 quires	1 00
	paging	24
	Amount carried forward	\$127 44

Auditor General vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed September 23, 1892.</i>	
Aug. 31	Amount brought forward.....	\$127 44
	Robert Smith & Co.,	
	For binding two tax records, Mecosta Co., 4 quires.....	1 00
	paging.....	24
	binding 2 tax records, Menominee Co., 5 quires.....	1 25
	paging.....	80
	binding 2 tax records, Monroe Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Muskegon Co., 5 quires.....	1 25
	paging.....	39
	binding 2 tax records, Ottawa Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Saginaw Co., 6 quires.....	1 50
	paging.....	36
	binding 2 tax records, Shiawassee Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Van Buren Co., 2 quires.....	50
	paging.....	12
Sept. 1	binding 1 liquor tax report, 1891, spring back, not on contract. 7 quires, @ 30c.....	3 10
3	taking apart, adding leaves and replacing in old covers 2 tax records of Gladwin Co.....	1 00
	paging same, sam. 51.....	12
6	cutting 1 ream blotting paper, 5 cuts.....	50
12	taking apart, adding extra leaves and replacing in old cover 1 tax record of Monroe Co., 1893.....	50
	paging same, sam. 51.....	06
	making 30 blocks, sam. 49.....	20
16	taking apart, adding extra leaves and binding in ¼ sheep 2 tax records of Antrim Co., 4 quires, sam. 40.....	1 00
	paging same, sam. 51.....	12
	taking apart, adding leaves and replacing in old cover 2 tax records, Luce Co., 1893.....	1 00
	paging same.....	12
12	cutting paper into strips, 5 cuts, sam. 50.....	50
	<i>Allowed October 26, 1892.</i>	
20	Robert Smith & Co.,	
	For binding 2 tax records, Allegan Co., 2 quires, sam. 40.....	50
	paging, sam. 51.....	12
	binding 2 tax records, Benzie Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Branch Co., 1 quire.....	25
	paging.....	06
	binding 2 tax records, Calhoun Co., 1 quire.....	25
	paging.....	06
	binding 2 tax records, Cass Co., 1 quire.....	25
	paging.....	06
	binding 2 tax records, Gratiot Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Kalamazoo Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Lenawee Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Missaukee Co., 4 quires.....	1 00
	paging.....	24
	binding 2 tax records, Montcalm Co., 4 quires.....	1 00
	paging.....	24
	binding 2 tax records, Newaygo Co., 4 quires.....	1 00
	paging.....	24
	binding 2 tax records, Osceola Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, St. Clair Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Tuscola Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Washtenaw Co., 2 quires.....	50
	paging.....	12
	binding 2 tax records, Wexford Co., 3 quires.....	75
	paging.....	18
	binding 2 tax records, Bay Co., 8 quires.....	2 00
	paging.....	48
	binding 2 tax records, Kent Co., 6 quires.....	1 50
	paging.....	36
	Amount carried forward.....	\$160 39

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BINDING.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
Sept. 29	Amount brought forward	\$100 39
	Robert Smith & Co.,	
	For binding 2 tax records, Marquette Co., 6 quires	1 50
	paging	25
	binding 2 tax records, Oakland Co., 2 quires	50
	paging	12
	taking apart, adding extra leaves and replacing in old cover 2 tax records	
	of Houghton Co.	1 00
	paging same, sam. 51	06
Oct. 6	taking apart, adding extra leaves and replacing in old cover 2 tax records	
	of Saginaw Co., 1893	1 00
	paging same, sam. 51	12
	taking apart, adding extra leaves and replacing in old cover 2 tax records	
	of Gogebic Co., 1893	1 00
	paging same	12
	taking apart, adding extra leaves and replacing in old cover 2 tax records	
	of Muskegon Co.	1 00
	paging same	12
	making 14 blocks, sam. 49	14
18	taking apart, adding extra leaves and putting new covers on 2 tax records,	
	Chippewa Co., 1893, ½ sheep, not in contract	1 50
	paging same	06
17	folding 8,160 abstract of sale of State tax lands, sam. 16	2 45
	500 tax records, sam. 16	15
	numbering with gold 12 vols. letters, @ 10c	1 20
	<i>Allowed November 29, 1892.</i>	
Nov. 11	Robert Smith & Co.,	
	For binding 1 general fund warrant book, Russia ends and bands, 9 quires,	
	sam. 28	6 75
	perforating same	80
	numbering same, 4,000 numbers	2 40
	<i>Allowed December 26, 1892.</i>	
Dec. 1	Robert Smith & Co.,	
	For binding 1 State Treasurer's receipt book, 1873-1892, full sheep, sam. 9	40
	resewing and placing back in old covers one State tax land book, Mecosta	
	to Wayne	2 00
	cutting paper @ 4c	48
3	binding one general fund warrant book, Russia ends and bands, 9 quires,	
	sam. 28	6 75
	perforating same	80
	numbering same, 4,000 numbers	2 40
6	making one order book No. 2, ¼ Russia, 2 quires, sam. 39	36
12	binding one general register, 1893, double cap, Russia ends and bands, 6	
	quires, sam. 30	3 60
	paging same, sam. 51	36
	binding one letter register, 1893, Russia ends and bands, not paged, 7 quires,	
	sam. 29	2 80
Jan. 2	lettering 1 letter register, 4 lines, sam. 52	40
	adding extra sheets and rebinding letter book, Vol. 16, 1890, ½ ream, 35	
	quires, sam. 43	2 80
	adding extra leaves, resewing and putting back in old covers, 3 letter books,	
	Vols. 15, 18, 21, for 1890, @ \$1.50	4 50
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For lettering 1 letter register, 4 lines, sam. 52	40
14	adding extra sheets and rebinding letter book, vol. 16, 1890, ½ ream, 35	
	quires, sam. 43	2 80
	adding extra leaves, re-sewing and putting back in old covers 3 letter books,	
	vols. 15, 18 and 21 for 1890, not in contract, each \$1.50	4 50
	<i>Allowed February 23, 1893.</i>	
24	Robert Smith & Co.,	
	For mounting 60 rules of office, @ 5c	3 00
Feb. 2	binding with covers, 1,000 tax laws, 1891, sam. 11	2 75
6	1 time book, ½ sheep, marble paper sides, 3 quires, sam. 40	75
	Amount carried forward	\$224 42

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BINDING.

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Auditor General vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed May 22, 1892.</i>	
	Amount brought forward.....	\$582 35
May 22	Robert Smith & Co., For binding State tax land book as follows, viz.: Alcona to Antrim, 12 quires, sam. 30.....	7 20
	Arenac to Chippewa, 13 " " 30.....	7 80
	Clare to Houghton, 14 " " 80.....	8 40
	Huron to Mackinac, 14 " " 80.....	8 40
	Ontonagon to Presque Isle, 13 " " 30.....	7 80
	Macomb to Montcalm, 13 " " 30.....	7 80
	Montmorency to Ogemaw, 13 " " 30.....	7 80
	Roscommon to Wexford, 13 " " 30.....	7 80
	All Russia ends and bands.	
April 25	folding 480 index paper, gen., sam. 16.....	14
	480 " supplementary, sam. 16.....	14
	<i>Allowed June 28, 1892.</i>	
June 7	Robert Smith & Co., For furnishing and cutting 9 heavy boards. 16x24 and 17x28, @ 20c.....	1 80
	binding 400 quarterly financial Charitable, Penal and Reformatory state- ments, sam. 18.....	92
	binding 1 mail register, ¼ Russia, 4 quires, sam. 35.....	1 72
	Total for binding.....	\$850 07
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
July 23	Theo. L. Backus, For 5 M J. H. eyelets, sam. 96, @ 36c.....	\$1 80
	2 dozen steel erasers, sam. 73, @ \$2.50.....	5 00
	1 " inkstands, " 66.....	1 05
14	2 " red tape No. 23, sam. 117, @ \$3.15.....	6 30
	4 " thumb tacks No. 4, sam. 121, @ 20c.....	80
12	Ihling Bros. & Everard, For 12 gross No. 1 Spencerian pens, sam. 38 B, @ 75c.....	9 00
20	¼ " A. W. Faber's Sib. pencils, sam. 31 B.....	5 00
	<i>Allowed August 31, 1892.</i>	
30	Theo. L. Backus, For 20 M No. 9 rope manilla envelopes, sam. 187, @ \$1.30.....	26 00
	1 dozen cork penholders.....	75
Aug. 3	1 numbering machine repaired.....	8 50
18	Ihling Bros. & Everard, For 10 reams 17x22, 22 lb O. B. paper, sam. 25, @ 16c.....	35 20
	lithographing 20 M note heads @ \$2.50.....	50 00
	10 M letter " @ \$3.00.....	30 00
July 27	6 gross No. 12 DeHaan pens @ \$1.00.....	6 00
	<i>Allowed September 26, 1892.</i>	
Aug. 20	A. M. Emery, For rubber stamp ink.....	25
Sept. 24	5¼ dozen carbon sheets @ 35c.....	2 91
19	120 lbs blotting paper, sam. 1, @ 14c.....	16 80
	<i>Allowed October 26, 1892.</i>	
28	Ihling Bros. & Everard, For 76 reams 17x22, 26 lb superfine, sam. 22, 2,736 lbs; less 54 lbs short weight, 2,682 lbs @ 13¼c.....	362 07
30	A. M. Emery, For ¼ dozen Carter's crimson fluid, sam. 55 A, @ \$9.50.....	4 75
	<i>Allowed November 30, 1892.</i>	
Nov. 19	Theo. L. Backus, For 20 M No. 6 XX rope manilla envelopes, sam. 183, @ 80c.....	16 00
7	Ihling Bros. & Everard, For 1 gross No. 1 Esterbrook pens, sam. 38 A.....	47
	8 " " 32 Spencerian " " 38 B.....	2 25
12	1 N probate b'anks.....	75
Oct. 29	6 gross Esterbrook pens. No. 126, @ 47c, sam. 38 A.....	2 82
	6 " Spencerian " " 1, @ 75c, " 38 B.....	4 50
	6 " " " 2, " 38 B.....	4 50
	1 " No. 114 American blue pens, sam. 32 A.....	5 75
	Amount carried forward.....	\$604 82

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Auditor General vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$604 82
Dec. 12	Theo. L. Backus,	
	For 1/2 dozen 15 inch flexible rulers, sam. 111, @ \$2.00	1 50
	1/2 " 18 " " " " " 112, @ \$3.65	1 84
8	10 M No. 9 1/4 Government white envelopes, sam. 210, @ \$1.42	14 20
	5 M " 9 1/4 " " " " 213, @ \$2.25	11 25
	5 M " 10 " " " " 214, @ \$2.35	11 75
24	Ihling Bros. & Everard,	
	For 233 18-20 reams fine, sam. 21, 21x32, 40 lb, 9,356 lbs @ 10c	935 60
9	131,358 reams superfine 54 lb, 25x34, 7,114,132 @ 13 1/4 c, sam. 22	980 41
7	3 lbs Tower's multiplex rubbers, sam. 58 c, @ \$1.75	5 50
22	4 dozen stenographer books, sam. 158, @ \$1.20	4 80
Nov. 28	4 reams 54 lb Western sup. royal, 20x28, 24 lb, sam. 28	51 84
Dec. 8	Crown File Band Co.,	
	For 1,000 No. 25 Crown file bands @ 85c	8 50
28	A. M. Emery,	
	For one dozen calendar pads	2 40
10	1 bottle purple ink	10
Aug. 22	Crotty Bros.,	
	For 2 bottles shading ink	50
	<i>Allowed January 25, 1893.</i>	
Jan. 6	A. M. Emery,	
	For 5 shading pens, @ 25c	1 25
	Office Specialty Co.,	
	For 1 spt. 5 M S. S. index	12 00
	Richmond, Backus & Co.,	
	For 1 No. 3 calligraph No. 7 type No. 5184	100 00
	<i>Allowed January 25, 1893.</i>	
Jan. 19	Theo. L. Backus,	
	For 1 lb sponge, sam. 156	1 76
7	Ihling Bros. & Everard,	
	For 10 reams 17x32, 20 lb Hornet linen, sam. 24, @ 25c	50 00
	lithographing 20 M letter heads @ \$3.00	60 00
	blockling 15 M letter heads, 200 blocks, 2c each	4 00
	2 reams 17x22, 20 lb Hornet linen cut letter size, sam. 22, @ 25c	10 00
	<i>Allowed February 23, 1893.</i>	
24	Ihling Bros. & Everard,	
	For 1 ream 24x36 manilla, 61 lbs @ 10c	6 10
21	1 " 30x40 " 187 " "	16 70
	1 " 24x36 " 200 " "	20 00
27	2 dozen steel erasers @ \$6.75	13 50
	6 gross No. 1 Spencerian pens, @ 75c	4 50
	1 " " 1 Esterbrook "	1 00
Feb. 6	Theo. L. Backus,	
	For 4 dozen thumb tacks @ 20c	80
Jan. 25	repairing 2 numbering machines	8 60
	2 bottles stamping ink	50
	express to Lansing	40
Feb. 18	6 10x12 1,000 p letter books	12 90
10	1 dozen ruling pens	6 00
	<i>Allowed March 29, 1893.</i>	
Mar. 11	Ihling Bros. & Everard,	
	For 26 1/4 reams 25x34, 54 lb superfine, @ 18 1/4 c, sam. 22	195 01
Feb. 18	Theo. L. Backus,	
	For 6 M sheets red cardboard @ \$21.00, sam. 9	126 00
Mar. 15	1 dozen 16 inch flexible rulers, sam. 111	3 00
	1 " 18 " " " " 112	8 65
23	A. M. Emery,	
	For 6 indexes @ 20c	1 20
	1 Julian's interest tables	75
	<i>Allowed April 26, 1893.</i>	
Mar. 31	Ihling Bros. & Everard,	
	For 88 1/4 reams superfine 44 lb 18 1/4 x31, 1,888 lbs @ 13 1/4 c, sam. 22	227 20
	87 " " 22 " 16x21, 814 " " " 22	109 89
	71 1/2 " " 48 " 21x32, 3,444 " " " 22	464 94
April 19	2 gross No. 303 Gillott's pens @ 85c, sam. 38 K	1 70
	1 " " 907 " " " @ 95c, " 88 J	95
	Amount carried forward	\$4,107 30

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
April 19	Amount brought forward.....	\$4,107 30
	Ihling Bros. & Everard,	
	For 1 gross No. 601 F Gillott's pens, sam. 38 L.....	80
	1 " " 166 " " " " 38 L.....	80
	1 " " 3 Gluc. " " " " 38 E.....	1 50
	1 " " 6 " " " " 38 E.....	1 50
	1 " " 7 " " " " 38 E.....	1 50
	1 " " 10 " " " " 38 E.....	1 50
	6 " " 125 Esterbrook pens @ 47c, sam. 38 A.....	2 82
	6 " " 12 rubber bands @ 10c, sam. 60.....	60
	6 " " 13 " " " " @ 11c, " 60.....	66
	6 " " 14 " " " " @ 12c, " 60.....	72
	6 " " 15 " " " " @ 13c, " 60.....	78
	1 " " 80 " " " " sam. 60.....	35
	1 " " 81 " " " " " 60.....	40
	1 " " 82 " " " " " 60.....	45
	1 " " 0 1/4 " " " " " 60.....	50
	1 " " 00 1/4 " " " " " 60.....	62
	1 dozen typewriter erasers, sam. 58 E.....	60
	1 " " glass inkstands, sam. 69.....	3 25
	2 reams 24x36, 50 lb manilla paper @ 7c, sam. 4.....	7 00
	1 1/2 gross I. B. and E. pencils Nos. 2, 3, 4, @ \$3.50, sam. 31 F.....	5 25
	3 ideal bathe, 10x12, @ \$2.25, sam. 106.....	4 50
	1 bundle 30x40 rope manilla, 145 lbs @ 10c, sam. 5.....	14 50
	3 lbs rubber erasers @ \$1.75, sam. 38 c.....	5 25
	1 dozen steel erasers, sam. 73.....	2 50
	1 " " Roger's steel erasers, sam. 74.....	6 75
	1-6 gross blue pencils @ \$3.00, sam. 35.....	50
	55 1/2 reams superfine 17x24, 24 lb @ 13 1/4c, sam. 22.....	179 82
7	Theo. L. Backus,	
	For 1 gross No. 2 penholders, sam. 44.....	6 80
	1 " " 3 " " " " " 44.....	6 80
	1 dozen inkstands, sam. 66.....	1 65
	6 lbs No. 24 B. C. twine @ 25, sam. 184.....	1 20
	6 dozen thumb tacks @ 25, sam. 120.....	1 50
24	1 M No. 9 manilla envelopes, " 170.....	1 05
13	3 dozen balls No. 6 twine @ 20c, 13 lbs, sam. 184.....	2 60
Mar. 30	20 M No. 6 Government, 36 lbs XX rope manilla envelopes @ 80c, sam. 183.....	16 00
April 5	A. M. Emery,	
	For 120 lbs blotting paper, @ 14c.....	16 80
	1 indexed journal.....	1 70
17	1 gross Faber penholders, item 42 a.....	2 50
22	1/4 dozen Carter's letter black ink, 54 a @ \$4.00.....	2 00
	2 bottles stamp ink @ 25c.....	50
	<i>Allowed May 31, 1898.</i>	
May 19	Ihling Bros. & Everard,	
	For 70 reams 14x17, 18 lb superfine @ 13 1/4c, sam. 22.....	170 10
22	64 1/2 " 16x21, 22 " " " " " 22.....	192 31
	35 " 15 1/4x19 1/4, 24 lb " " " " " 22.....	113 40
20	85 1/4 " 16x26, 24 lb " " " " " 22.....	277 02
	50 " 13x26, 12 " " " " " 22.....	84 08
April 29	28 1/2 " 16x21, 22 " " " " " 632 1/4 lbs @ 13 1/4c, sam. 22.....	85 39
	30 1/2 " 15 1/4x19 1/4, 22 lb " " " " " 676 1/4 " " " 22.....	91 33
27	A. M. Emery,	
	For index ledger.....	75
May 9	9 dozen carbons @ 35c.....	3 15
11	1/4 " Sanford's cardinal ink @ \$6.50.....	3 25
	1 rubber stamp, item 149.....	1 25
	1/4 dozen Stafford's combined, 53c, @ \$6.00.....	3 00
	<i>Allowed June 28, 1898.</i>	
June 16	Theo. L. Backus,	
	For 1 dozen Underwood cop Remington ribbons, sam. 142.....	7 50
May 29	260 sheets 19x24 Paragon drawing paper @ 12c, n. o. c.....	31 20
June 5	1/4 dozen inkstands @ 1.65, sam. 66.....	83
	2 " flexible rulers @ \$3.00, sam. 111.....	6 00
	3-10 M No. 3 McGill's F. H. fasteners @ \$2.10, sam. 98.....	62
	36 lbs No. 9 gray flax twine @ 20c, sam. 184.....	7 20
	12 " " 6 " " " " " 184.....	2 40
	Amount carried forward.....	\$5,492 19

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STATIONERY.

Date.	Items.	Amount
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward.....	\$5,492 19
June 16	Ihling Bros. & Everard.....	
	For 14 3-20 reams 17x22, \$11 3-10 lbs O. B. ruled @ 18c, sam. 16.....	56 08
	lithographing 20 M letter heads @ \$3.00.....	60 00
	blocking 20 M letter heads, 400 blocks @ 2c.....	8 00
	lithographing 16½ M note heads @ \$2.50.....	41 25
	blocking 16½ M note heads @ 1c, 330 blocks.....	3 30
19	12 reams 17x22, 40 lb Weston's linen ledger @ 24c, sam. 28.....	115 20
22	2 " 24x36, manilla paper, 100 lbs @ 7c, sam. 4.....	7 00
25	3 lbs rubber erasers @ \$1.75, sam. 58 c.....	5 25
	1-6 gross lead pencils @ \$3.00, sam. 25.....	60
1	3 dozen inkstands @ \$3.25, sam. 69.....	9 75
	¼ gross lead pencils No. 2 @ \$3.50, sam. 31 F.....	1 75
	¼ " " " " 4 " " 31 F.....	1 75
	¼ " " " " " " 31 F.....	1 75
	1 dozen Roger's steel erasers, sam. 74.....	6 75
	1 " Sanford's mucilage @ \$6.50, sam. 57 B.....	6 50
28	F. A. Alexander.....	
	For 1 typewriter brush.....	2 25
	1 ".....	2 25
15	A. M. Emery.....	
	For 1 Remington T. W. copying ribbon.....	63
23	6½ lbs blotting paper @ 14c.....	91
	Total for stationery.....	\$5,824 01
	RECAPITULATION.	
	General allowance.....	\$1,477 32
	Printing.....	5,090 26
	Binding.....	650 07
	Stationery.....	5,824 01
	Total allowance for Auditor General.....	\$12,982 25

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
June 25	Jas. J. Donnelly,	
	For hotel bill from June 25 to July 1, at Cheboygan	\$4 00
July 6	railroad fare to Cheboygan	4 00
7	hotel bill, Cheboygan	1 75
8	railroad fare to Indian River	50
10	hotel bill, Indian River	2 80
12	" " Onoway	1 25
13	livery, two days	4 00
	feed for team	75
14	hotel bill, Indian River	1 50
	railroad fare to Standish	3 65
15	hotel bill, Standish	1 50
16	railroad fare to West Branch	80
18	hotel bill, West Branch	1 50
	stage fare to Rose	50
19	hotel bill	75
20	bill at settler's	75
21	" " Thompson's	1 00
	railroad fare to Tawas	1 00
22	hotel bill, Tawas	2 00
	railroad fare to Sterling	1 30
	twenty days' service at \$3 per day	60 00
June 30	Samuel Stowell,	
	For railroad fare to Grand Rapids and return	1 80
July 1	hotel bill, Grand Rapids	2 75
5	railroad fare to Lansing	1 15
	supper at Lansing	50
6	railroad fare to Bay City	2 15
	hotel bill, Bay City	1 00
	railroad fare to Sterling	95
	dinner at Sterling	25
7	railroad fare to Cheboygan	4 00
	hotel bill, Cheboygan	1 25
	Detroit draft for Commissioner	50
	fare by boat to St. Ignace	1 00
8	hotel bill at St. Ignace	1 50
	railroad fare to Marquette	6 00
9	hotel bill, Marquette	4 50
11	fare by boat to Hancock	4 00
	hotel bill, Hancock	1 50
	railroad fare to L'Anse	1 35
	dinner, L'Anse	50
	railroad fare to Iron Mountain	2 90
12	hotel bill, Iron Mountain	1 50
	railroad fare to Escanaba	2 08
	hotel bill	1 50
	fare on boat to Charlevoix	5 00
13	breakfast on boat	50
14	hotel bill, Charlevoix	1 50
	railroad fare to Petoskey	45
15	hotel bill, Petoskey	2 75
16	railroad fare to Mackinaw	1 65
	fare by boat to Cheboygan	1 50
18	hotel bill, Cheboygan	2 00
	railroad fare to Lansing	7 10
	lunch at Grayling	80
	supper at Bay City	50
19	hotel bill at Lansing	1 00
	railroad fare to Ionia	1 15
20	hotel bill, Ionia	1 00
26	railroad fare to Lansing and return	2 15
27	hotel bill, Lansing	1 75
	eighteen days' service at \$5 per day	90 00
	State Land Office,	
	For postage for August	10 00
25	William Berwich,	
	For re-covering and lettering 10 plat portfolios @ \$1.75	17 50
	Telegraph & Telephone Construction Co.,	
	For rent of telephone from July 1 to October 1, 1892	10 00
	Amount carried forward	\$298 13

ANNUAL REPORT OF THE

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 29, 1892.</i>	
	Amount brought forward	\$590 08
Sept. 5	Samuel Stowell,	
	For railroad fare, Ionia to Bay City	2 70
	supper at Owosso	50
6	hotel bill at Bay City	75
	railroad fare to Sterling	95
	dinner at Sterling	25
	railroad fare to Alpena	3 40
7	hotel bill, Alpena	2 75
8	fare on boat to St. Ignace	2 50
	dinner on boat	50
9	hotel bill, St. Ignace	1 50
	railroad fare to Marquette	6 00
10	telegram to Attorney General	31
12	hotel bill, Marquette	4 50
	railroad fare to L'Anse	2 50
	dinner and supper at L'Anse	1 00
	railroad fare at Baraga	20
13	hotel bill, Baraga	1 00
	dinner at settler's	25
14	board bill, settler's	1 00
15	" " " "	1 00
16	hotel bill at Baraga	2 00
	railroad fare to L'Anse	20
	dinner at L'Anse	50
	railroad fare to Marquette	2 50
17	hotel bill, Marquette	1 25
	railroad fare to Mackinaw	6 50
	dinner and supper at St. Ignace	1 00
	fare on boat to Cheboygan	1 00
19	hotel bill at Cheboygan	2 50
20	railroad fare to Levering	15
	dinner at settler's	25
21	" " " "	25
22	board bill at settler's	1 50
	railroad fare to Petoskey	70
	hotel bill at Petoskey	1 00
	railroad fare to Kalkaska	1 60
	dinner at Kalkaska	50
	railroad fare to Howard City	3 10
23	hotel bill, Howard City	1 00
	railroad fare to Ionia	1 15
	dinner at Ionia	25
27	railroad fare to Lansing and return	2 05
28	hotel bill, Lansing	2 25
	19 days services at \$5	95 00
6	Jas. J. Donnelly,	
	For railroad fare, Sterling to Alpena	3 40
7	hotel bill at Alpena	2 75
8	fare on boat to St. Ignace	2 50
9	hotel bill at St. Ignace	1 50
	railroad fare to Marquette	6 00
12	hotel bill at Marquette	4 50
	railroad fare to L'Anse	2 50
	hotel bill, L'Anse	1 00
	railroad fare to Baraga	20
13	hotel bill, Baraga	1 00
	dinner at settler's	25
14	bill at settler's	1 00
15	" " " "	1 00
16	hotel bill at Baraga	2 00
	railroad fare to L'Anse	20
	dinner at L'Anse	50
	railroad fare to Marquette	2 50
17	hotel bill, Marquette	1 25
	railroad fare to Escanaba	3 00
19	hotel bill, Escanaba	4 00
	railroad fare to Lewis	3 90
21	two days' board at Lewis	2 00
	railroad fare to Mackinaw City	2 00
	dinner at Trout Lake	25
	supper at Mackinaw City	50
	railroad fare to Petoskey	1 05
22	lodging at Petoskey	50
	railroad fare to Sterling	5 55
	Amount carried forward	\$749 44

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed September 28, 1892.</i>		
Sept. 22	Amount brought forward	\$749 44
	Jan. J. Donnelly,	
	For breakfast at Mackinaw	50
	dinner at Grayling	50
	15 days' service at \$3	45 00
Aug. 9	railroad fare, Sterling to Topinabee	3 65
10	hotel bill at Topinabee	3 00
11	railroad fare to Cheboygan	85
12	hotel bill, Cheboygan	1 25
	dinner at settler's	25
13	" " "	25
14 and 15	hotel bill at Onoway	2 00
16, 17,		
18, 19	board bill at Brooks	3 00
20, 21	" " " prisoner's	1 75
22	" " " Mitchell's	1 00
23	hotel bill at Onoway	75
	dinner at Phillips'	25
	stage fare to Cheboygan	1 00
24	hotel bill at	75
25	railroad fare to Sterling	4 00
	dinner at Grayling	50
	15 days' services at \$3 per day	45 00
	Land Office,	
	For postage for October	15 00
<i>Allowed October 26, 1892.</i>		
Oct. 3	Samuel Stowell,	
	For railroad fare, Ionia to Heward City	1 20
	supper at Howard City	50
	railroad fare, Howard to Cadillac	1 90
4	hotel bill at Cadillac	1 50
	railroad fare to Harrietta	50
5	livery, one day	3 00
	hotel bill at Sherman	1 50
	paid helper on trespass case	1 50
6	hotel bill at Harrietta	2 00
	railroad fare to Cadillac	50
	dinner at Cadillac	50
	railroad fare to Petoskey	2 80
7	hotel bill, Petoskey	2 50
8	railroad fare to Cheboygan	1 60
	dinner at Mackinaw City	50
10	hotel bill at Cheboygan	3 50
11	railroad fare to Indian River	50
12	hotel bill, Indian River	2 00
	railroad fare to Wolverine	80
13	hotel bill, Wolverine	2 50
	railroad fare to Grayling	1 40
14	hotel bill at Grayling	2 00
	railroad fare to Bay City	1 85
15	hotel bill, Bay City	1 50
	railroad fare, Ionia	2 70
	dinner at Ionia	25
25	railroad fare, Ionia to Lansing and return	3 05
26	hotel bill at Lansing	1 75
	14 days' service at \$5	70 00
The following accounts for publishing list of Agricultural College lands advertised for sale September 29, 1892, and certified to by Lowell H. Glover, were allowed as follows:		
	Charles J. Robinson,	
	Manistee Democrat, 38 folios, 5 times	79 80
	George S. Stout,	
	Missaukee Independent, 7 folios, 5 times	14 70
	H. C. McKinley,	
	Otsego County Herald, 16 folios, 5 times	33 60
	J. C. Viall,	
	Alpena Weekly Argus, 7 folios, 5 times	14 70
	O. L. Waterbury,	
	Frankfort Express, 27 folios, 5 times	56 70
	R. W. Ward & Co.,	
	Northern Mail, 71 folios, 5 times	149 10
	Amount carried forward	\$1,381 09

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State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 28, 1892.</i>	
Oct. 26	Amount brought forward	\$1,331 09
	Edward Foreyth,	
	Cheboygan Democrat, 28 folios, 5 times	58 80
	W. E. Hampton,	
	Charlevoix Democrat, 18 folios, 5 times	37 80
	George E. Stanley,	
	Michigan State Democrat, 117 folios, 5 times	245 70
	E. L. Sprague,	
	Traverse Bay Eagle, 3 folios, 5 times	6 80
	F. F. Platz,	
	Presque Isle County Democrat, 5 folios, 5 times	10 50
	J. Ward Davis,	
	Elk Rapids Democrat, 14 folios, 5 times	29 40
	William F. Hubbard,	
	Kalkaskian, 11 folios, 5 times	23 10
	George E. Gillian,	
	Alcona County Review, 108 folios, 5 times	216 30
	M. Murphy,	
	Tawas Herald, 141 folios, 5 times	296 10
	William F. Devlin,	
	Hillman Telegraph, 39 folios, 5 times	81 90
	State Land Office,	
	For postage for November	10 00
	Telegraph & Telephone Construction Co.,	
	For rent of telephone from October 1, 1892, to January 1, 1893	10 00
	Western Union Telegraph Co.,	
	For messages, September 26 and 27	3 15
	<i>Allowed November 30, 1892.</i>	
15	Jas. J. Donnelly,	
	For railroad fare, Indian River to Big Rapids	6 10
16	supper at Mackinaw	50
	hotel, Big Rapids	50
17	railroad fare to Fremont	25
	hotel bill, Fremont	2 75
18	railroad fare, Fremont to Muskegon and return	1 80
	dinner and supper, Muskegon	1 00
19	dinner at settler's	25
21	hotel bill at Fremont	2 25
	railroad fare to Reed City	1 75
	dinner at Baldwin	25
22	hotel bill, Reed City	1 50
	railroad fare to Bay City	2 95
	dinner at Saginaw	50
23	hotel bill, Bay City	1 00
	railroad fare to Whitmore	1 75
24	bill at camp	75
25	hotel bill at Omer	1 00
	dinner at Standish	25
26	railroad fare to Indian River	3 65
	11 days' service at \$3.00 per day	33 00
Oct. 17	railroad fare, Sterling to Grayling	1 80
18	hotel bill at Grayling	1 50
	railroad fare to Lewiston	85
19	hotel bill, Lewiston	1 25
20	livery, half day	1 00
21	bill at settler's	1 00
22	" " Lewiston	75
	livery	1 00
24	two days' board at settler's	1 50
25	hotel bill at settler's	2 00
26	hotel bill at Mio	1 00
	stage to McKinley	1 00
27	hotel bill, McKinley	1 00
	railroad fare to Oscoda	1 50
28	hotel bill, Oscoda	1 50
29	railroad fare to Omer	80
	hotel bill, Omer	75
31	two days' board at settlers	1 50
	railroad fare to Sterling	85
	18 days' service at \$3 per day	39 00
Nov. 14	Samuel Stowell,	
	For dinner at Ionia	25
	railroad fare, Ionia to Big Rapids	1 80
	Amount carried forward	\$2,488 44

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 30, 1892.</i>	
	Amount brought forward	\$2,488 44
Nov. 15	Samuel Stowell,	
	For telegram to Donnelly	50
16	hotel bill at Big Rapids	3 50
	railroad fare to Fremont	95
17	hotel bill at Fremont	2 75
18	railroad fare to Muskegon and return	1 30
	dinner and supper, Muskegon	1 00
19	livery, one day	2 50
	dinner and feed for team, settler's	75
21	hotel bill at Fremont	2 25
	railroad fare to Reed City	1 75
	dinner at Baldwin	25
22	hotel bill at Reed City	1 50
	railroad fare to Bay City	2 95
	dinner at Haginaw	50
23	hotel bill, Bay City	1 00
	railroad fare to Whitmore	1 75
24	bill at camp	75
25	hotel bill at Omer	1 00
	dinner at Standish	25
	railroad fare to Bay City	80
26	hotel bill, Bay City	1 25
	railroad fare to Ionia	2 70
	dinner at Ionia	25
29	railroad fare to Lansing and return	2 05
30	hotel bill, Lansing	1 75
	fourteen days' service at \$5 per day	70 00
Oct. 4	Michael Harrigan,	
	For railroad fare, Ionia to Lakeview	1 40
	hotel bill	1 00
5	livery, one day	3 00
	hotel bill	2 00
6	railroad fare to St. Louis	1 05
	hotel bill, St. Louis	2 00
7	livery to Ithaca	3 00
	hotel bill, Ithaca	2 00
8	railroad fare to Clare	1 35
	" Clare to Everett	75
	hotel bill, Everett	2 00
9	railroad fare to Reed City	35
	livery, one day	2 50
	hotel bill, Reed City	2 00
10	railroad fare to Luther	75
	hotel bill, Luther	2 00
11	railroad fare, Luther to Cadillac	1 40
	railroad fare, Cadillac to Lake City	55
	hotel bill at Cadillac	2 00
12	railroad fare to Cadillac	55
	dinner at Cadillac	50
	railroad fare to Clare	1 45
	hotel bill at Clare	2 00
13	railroad fare to Harrison	50
	hotel bill, Harrison	2 00
14	railroad fare, Harrison to Reed City	1 15
	railroad fare to Dorr	1 60
	livery	2 00
	hotel bill and feed for team	2 00
15	railroad fare, Dorr to Graham	2 55
	hotel bill at Graham	2 00
17	railroad fare to Midland	2 75
	hotel bill, Midland	2 50
18	" " "	2 00
19	railroad fare to Gladwin	2 65
	hotel bill and livery, one day	4 60
20	hotel bill and feed for team	2 50
21	railroad fare to Midland	1 35
	hotel bill, Midland	2 00
22	railroad fare to Ionia	8 90
	19 days' service at \$3 per day	57 00
July 6	Benj. Vosper,	
	For boat from Island to Cheboygan	1 00
	dinner at Cheboygan	25
7	fare by boat to St. Ignace	1 00
8	hotel bill, St. Ignace	1 50
	Amount carried forward	\$2,728 74

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State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 30, 1892.</i>	
	Amount brought forward	\$2,728 74
July 8	Benj. Vosper,	
	For railroad fare to Marquette	6 00
9	hotel bill, Marquette	4 50
11	fare by boat to Hancock	4 00
	hotel bill at Hancock	1 50
	railroad fare to L'Anse	1 25
	telegraphing, L'Anse	25
	dinner at L'Anse	50
	railroad fare to Iron Mountain	2 00
12	hotel bill, Iron Mountain	1 50
	railroad fare to Escanaba	2 00
	hotel bill, Escanaba	1 50
	fare by boat to Charlevoix	5 00
13	breakfast on boat	50
14	hotel bill, Charlevoix	1 50
	railroad fare to Potoskey	45
15	hotel bill, Potoskey	2 75
16	railroad fare to Mackinaw	1 05
	breakfast	50
	fare by boat to Cheboygan	1 50
18	hotel bill, Cheboygan	2 00
	boat to Island	1 00
	11 days' service at \$2.00	22 00
	State Land Office,	
	For postage for December	10 00
	<i>Allowed December 28, 1892.</i>	
Nov. 28	Jas. J. Donnelly,	
	For hotel bill at settler's	75
29	" " " "	75
30	bill at Mitchell's camp	75
Dec.	" " " "	
1 and 2	" " " "	1 50
3	" " settler's	75
5	railroad fare, Indian River to Standish	3 65
6 and 7	hotel bill at Standish	2 25
8	stage to Omer	50
9	hotel bill at Omer	1 25
	stage to Standish	50
10	hotel bill at Standish	1 00
12	railroad fare, Standish to Wolverine	3 25
	hotel bill at Wolverine	2 50
	railroad fare to Cheboygan	80
13	hotel bill at Cheboygan	1 50
14	railroad fare to Levering	85
	breakfast at Mackinaw	50
	dinner at Levering	25
15	hotel bill at settler's	1 00
	supper at Levering	25
	railroad fare to Potoskey	70
16	hotel bill at Potoskey	75
	railroad fare to Boyne Falls	45
	dinner at Boyne Falls	25
	railroad fare to Kalkaska	1 15
17	hotel bill, Kalkaska	1 25
	railroad fare to Cadillac	1 30
19	hotel bill, Cadillac	3 50
	railroad fare to Harrietta	50
19 to 23	hotel bill at Harrietta	2 50
23	railroad fare to Bay City	2 80
24	hotel bill at Bay City	2 00
26	railroad fare, Bay City to Indian River	4 50
	" Indian River to Bay City	4 50
27	hotel bill at Bay City	75
	railroad fare, Lansing to Indian River	6 85
	28 days' service at \$3 per day	84 00
	Samuel Stowell,	
5	For railroad fare, Ionia to Bay City	2 70
	supper at (twoco)	50
6	hotel bill, Bay City	1 25
7	railroad fare, Bay City to Alger	1 30
8	hotel bill at Standish	2 25
9	stage to Omer	50
	hotel bill, Omer	1 25
	Amount carried forward	\$2,962 02

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$2,962 02
Dec. 9	Samuel Stowell,	
	For stage to Standish	50
10	hotel bill, Standish	1 00
12	railroad fare, Standish to Wolverine	3 25
	livery, one-half day	1 50
13	hotel bill at Wolverine	2 80
	railroad fare to Cheboygan	80
13	hotel bill at Cheboygan	1 50
14	railroad fare to Mackinaw	50
	breakfast at Mackinaw	50
	railroad fare to Levering	25
15	dinner at Levering	1 00
	board at settler's	25
	supper at Levering	70
16	railroad fare to Petoskey	75
	hotel bill at Petoskey	45
	railroad fare to Boyne Falls	2 00
	livery, one day	25
	dinner at Boyne Falls	1 15
17	railroad fare to Kalkaska	1 25
	hotel bill at Kalkaska	1 20
19	railroad fare to Cadillac	3 50
	hotel bill at Cadillac	50
20	railroad fare to Harrietta	2 00
21	livery, one day	2 80
22	dinner at settler's	25
23	hotel bill at Harrietta	3 00
	paid for helper, one day	1 50
	railroad fare to Cadillac	50
24	supper at Cadillac	50
26	railroad fare, Cadillac to Ionia	3 10
26	railroad fare, Lansing	1 10
27	hotel bill, Lansing	2 00
28	railroad fare, Lansing to Ionia	1 10
	twenty-one days' services at \$5 per day	105 00
May 16 to 31 and J's 3 to 24	Sadie Shaffer,	
	For extra work making map to be used in United States court, 128 hours @ 50c	64 00
May 16 to 31 and J's 3 to 24	William Cosgrove,	
	For extra work copying field notes to be used in United States court, 128 hours @ 50c	64 00
Dec. 23	State Land Office,	
	For extra postage for December	3 00
	postage for January, 1893	10 00
26	Seymour Foster, P. M.,	
	For rent of drawer "C" for land office for quarter ending December 31, 1892	2 00
May 16 to 31 and J's 3 to 24	W. W. Clark,	
	For extra work copying field notes to be used in United States Court, 128 hours @ 50c	64 00
<i>Allowed January 25, 1893.</i>		
Jan. 25	State Land Office,	
	For postage for month of February, 1893	20 00
3	C. Alsdorf & Son,	
	For 1 dozen sponges	50
	Michigan Bell Telephone Co.,	
	For 1 message to Detroit	25
2	John G. Berry,	
	For expenses attending meeting of the State Board of Auditors:	
	railroad fare, Vanderbilt to Lansing and return	12 24
	hotel bill	7 50
7	Menzo Swart,	
	For bill at Lansing	7 00
10	fare from Flint to Lansing and return	1 98
13	bill at Lansing	6 50
17	fare to Grayling	4 06
	bill at Saginaw	50
18	" " Rosecommon	1 00
20	" " Grayling	2 50
	fare to Pinconning	3 25
	bill at West Branch	1 00
21	" " Pinconning	70
	Amount carried forward	\$3,384 79

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1893.</i>	
Jan. 21	Amount brought forward	\$3,384 79
	Menso Swart,	
	For fare to Standish	25
	bill at Standish	40
	fare to Midland	1 40
23	bns at	25
24	livery at Midland	1 00
	bill at	2 75
	fare to Flint	1 60
25	bill at Saginaw	50
	fare to Lansing	99
17	16 days' service	80 00
	John W. Stover,	
	For map United States and world	1 00
	<i>Allowed February 23, 1893.</i>	
Feb. 23	State Land Office,	
	For postage for month of March, 1893	40 00
10	Seymour Foster, postmaster,	
Jan. 25	For rent of P. O. drawer C for Land Office for quarter ending March 31, 1893	2 00
	John G. Berry,	
	For expenses as member of the Board of State Auditors:	
	railroad fare from Vanderbilt to Lansing and return	12 24
26	hotel bill, 4 days, including one day on Swamp Land Board	10 00
	Menso Swart,	
	For bill at Lansing	2 50
	fare to Flint	99
28	bill at Durand	50
	fare to Saginaw and return	2 90
	bill at	50
	fare to Hersey	3 55
Feb. 1	bill at Saginaw	20
2	" " Hersey	80
	" " farm house	1 00
3	fare to Baldwin and return	1 30
4	bill at	1 60
	" " farm house	1 00
	fare to Luther	60
	bill at Reed City	1 00
6	assistant	2 00
	bill at Luther	4 00
7	fare to Reed City via Leroy	1 00
	bill at Leroy	50
	fare from Reed City to Manistee	1 75
	bns at Manistee	25
8	livery at Manistee	1 00
	bill at	2 50
10	fare to Lansing	5 05
	bill at	4 00
	fare to Flint	99
18	bill at Durand	50
	fare to Sanford	1 85
	livery at Saginaw	2 00
14	paid assistant	50
	bill at Saginaw	1 25
18	paid Mr. Holmes	1 50
20	" Mike Sullivan four days with team	16 00
	bill at Sanford's	6 00
13	23 days' service	115 00
	Charles Berry,	
14	For fare from Detroit to Sanford	3 85
20	bill at Saginaw	1 25
	" " Sanford	6 00
Jan. 19	eight days' service	24 00
	Charles A. Ingerson,	
20	For board at Grayling 1 day	75
21	" " " 1/2 "	50
23	" " " 1/2 "	50
24	" " " 1 "	75
25	board, \$1.00, and car fare to Lewiston, 85c	1 85
	livery hire from Lewiston to Atlanta	2 00
26	board at Atlanta	1 00
	" " Mr. Kings, sec. 16, town 80, E. 2 W.	1 00
27	car fare from Waters to Grayling	70
	Amount carried forward	\$3,750 50

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
Jan. 27	Amount brought forward	\$3,759 50
28	Charles A. Ingerson, For board at Kings' and Grayling	1 00
31	8 days' service	1 00
	H. D. Bartholomew, For ½ day's work making plat from field notes, T. 2 N., R. 15 and 16 E., on St. Clair flats	24 00
Feb. 1	1 day's work same as above	2 00
2	.....	4 00
Jan. 23	Smith, Premier & Co., For Smith Premier typewriter, exchanged Remington	4 00
	.....	50 00
	<i>Allowed March 29, 1893.</i>	
Mar. 27	Charles Berry, For 32 days' work	96 00
	meals and lodging	34 00
	rig hire	7 50
	help hire	6 50
	railroad fare	13 20
Feb. 22	Menzo Swart, For fare from Sanford to Averill and return	10
	" to Coleman and return	65
	express charges on marking iron	25
	bill at Averill, self, man and team	1 00
	horse	50
28	fare to Averill and return, 10c, and bill, 25c	35
Mar. 8	" Midland, 50c, and bill, 25c	75
6	Mike Sullivan for 7 days' work with team	28 00
7	bill at Sanford	18 87
	livery the 2d of March	75
	one tape line	2 25
	fare to Flint, \$1.85; bill at Saginaw, 75c	2 80
8	" Lansing and return, \$1.38; bill Lansing, 50c, bill Durand, 50c	2 98
9	" Sanford, \$1.85; street car at Saginaw, 15c; bill at Clio, 50c	2 50
11	livery, \$1.25; bill at Saginaw, \$1.60; car fare, 20c	3 05
	bill at Sanford, \$1.00; fare for 2 to Richnells and return, 80c	1 80
	Mike Sullivan 1 day's work, \$2.50; fare to Clare, 65c	8 15
13	bill at Clare, \$1.80; fare to Temple and return, \$1.40; bill, 50c	3 70
14	65c; " Evart, 75c	1 40
15	" Evart, \$1.50; " Tawas City, \$1.75; bill at Saginaw, 50c	6 75
	car fare at Saginaw, 10c; bus Bay City, 25c; bill, 35c	70
17	fare to Ann Arbor and return, 50c; John Smith ½ day, \$1.00; bill, 25c	1 75
20	bill Tawas City, \$5.00; fare to Alpena, \$2.15	7 15
22	fare to Escanaba, \$13.95; bill Alpena, \$3.00; bill Alger, 40c	17 35
24	bill Mackinaw, 95c; at Trout Lake, 35c	1 80
25	Escanaba	1 50
	23 days' service as trespass agent	180 00
29	State Land Office, For postage for April, 1893	45 00
	American Express Company, Express from March 7 to 13, 1893, inclusive	50
	Western Union Telegraph Company, For messages from February 10, 1893, to 11, inclusive	66
	Michigan Bell Telephone Company, For message February 1, 1893	25
	John G. Berry, For railroad fare from Vanderbilt to Lansing and return to attend February meeting of Board of State Auditors and other boards	12 24
	hotel, 6 days	15 00
	<i>Allowed April 26, 1893.</i>	
25	Menzo Swart, For bus at Escanaba	25
	railroad fare, Stephenson	1 71
27	livery	2 00
	bill at Daggett, self and man	85
28	fare to Talbot and return	50
	bill at Daggett	25
29	" self and man	50
30	" Talbot, self, man and team	75
	livery, 2 days	7 00
	paid Justice Little, 2 days	6 00
31	bill at Stephenson	6 75
	Amount carried forward	\$4,573 56

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State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$1,373 56
Mar. 31	Menzo Swart,	
	For railroad fare to St. Ignace	12 74
April 1	bill at Marquette	1 00
	bill at Mackinaw	1 50
	fare to Bay City	5 45
	bill at " "	50
	bus " "	25
	fare to Flint	1 30
6	" " Lansing and return	1 98
8	bill at " "	4 00
	" " Durand	50
10	fare to Saginaw	1 00
	street car	20
11	bill at Saginaw	1 00
	railroad to Temple	2 20
	bill at Clare	25
	telegram	25
12	bill at Temple	1 00
	team and boy	50
	railroad fare to Ewart	1 45
	bill at Clare	25
14	" " Ewart	8 00
	fare to Clare	75
	bill at " "	50
	fare to Alma	1 00
15	bill at Alma	1 50
	fare to St. Louis	15
	livery	1 50
	bill at St. Louis	1 00
17	" "	8 00
	fare to Riverdale and return	80
	livery, " "	1 50
	bill at " "	50
	bus to St. Louis	25
18	bill at " "	1 50
	livery	3 00
	fare to Ashley	55
19	bill at " "	1 15
	fare to Perinson	80
	livery	1 50
20	bill at Perinson	1 90
21	" " Pewamo, self and team	3 20
	" " Maple Rapids	85
	livery	3 00
	fare to Ashley	30
22	livery, " "	1 50
	bill at " "	1 90
	fare to St. Louis	55
	bus	25
24	bill at St. Louis	3 00
	fare to Lansing	2 00
	bus at " "	25
	bill " "	50
	25 days at \$5.00	125 00
	Charles Berry,	
	For from March 27 to April 24, 19 days	57 00
	board and lodging	19 00
	railroad fare	11 75
	help and rig hire	9 50
	State Land Office,	
	For postage for May, 1893	15 00
Mar. 30	American Express Company,	
	For express	25
	Western Union Telegraph Company,	
	For messages from March 10, 1893, to 23, inclusive	1 00
	Michigan Bell Telephone Company,	
	For messages from March 2, 1893, to 25, inclusive	45
	John G. Berry,	
	For railroad fare from Vanderbilt to Lansing and return to attend meeting of Board of State Auditors and other boards for March	13 24
	hotel bill, 6 days	15 00
	Amount carried forward	\$4,716 73

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$4,716 72
Mar. 9,	Wm. M. Temple,	
10 and 11	For looking lands 3 days @ \$3.00	9 00
13 to 18	" " 6 " "	18 00
20 to 22	" " 3 " "	9 00
May 29	Chas. Berry,	
	For from April 23 to May 28, wages, 32 days	96 00
	board and lodging, 34 days	34 00
	railroad fares	32 45
	help and rig expense	28 00
April 23	Menzo Swart,	
	For fare, Lansing to Flint	99
	bill at Durand	50
25	fare to Mackinaw City	6 75
	bill at Saginaw	50
	bus at Bay City	25
	bill "	50
26	sleepers, Mackinaw City	1 50
	bill, Mackinaw City	50
	fare to Corinne	3 10
	bill at Trout Lake	35
27	livery	2 50
28	return fare to Cisco	20
	bill at Cisco	50
29	" " Corinne	2 50
	" " Gould City	25
	fare from Cisco to Gladstone	2 95
	bus at Gladstone	25
May 2	bill " "	4 50
	bus " "	25
	fare to Rapid River	25
3	bill at	2 00
	fare to St. Jacques and return	90
	bill at Ogontz	25
4	Henry W. Cole, 1/2 day's service	2 00
	bill at Rapid River	1 50
	fare to Cisco	2 70
5	bill at Gould City	1 00
	fare to Petoskey	3 95
	bill at Trout Lake	45
6	" " Petoskey	1 50
	fare to Alanson and return	55
8	bill at Alanson	2 25
9	" " Petoskey	1 50
	fare to Mackinaw City	1 05
10	bill at	2 00
	fare to Cheboygan and return	1 00
	bill at	50
13	fare to Pellston and return	1 10
14	bill at Mackinaw City	4 51
	fare to Cheboygan	50
16	bill at	3 00
	" " farm house	50
17	" " "	1 00
	" " Lark's mill	50
18	" " farm house	1 00
	assistant	50
19	bill at Lansing	1 00
20	" " Williams' mill	1 25
	" " farm house	25
	5 days, livery	7 50
22	bill at Cheboygan	8 00
	fare to Mackinaw City	59
23	bill at	1 50
	fare to Levering and return	70
24	bill at Levering	1 00
25	" " Mackinaw	2 00
26	fare to Grayling	2 70
	bill at	50
	fare to Bay City	2 75
	bill at Alger, 45c; bill at Bay City, \$1.20	1 65
	fare to Lansing, \$2.15; bill at Lansing, 50c; fare to Flint, 99c	3 64
	bill at Durand, 50c; fare to Lansing, 99c	1 49
	33 days' service	105 00
	Amount carried forward	\$5,200 40

BOARD OF STATE AUDITORS.

83

State Land Office vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
May 31	Amount brought forward	\$5,599 07
	John G. Berry,	
	For fare from Vanderbilt to Lansing and return, meeting of Board of State Auditors	12 24
June 16	hotel, 6 days	15 00
	fare, Vanderbilt to Lansing and return, attend special meeting Board of State Auditors	12 24
	hotel, 5 days	12 50
	Total for general allowance	\$5,591 05
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 19	Robert Smith & Co.,	
	For composition on 1,500 copies list of lands of Agricultural College, from page 1 to 32, 121,023 ems @ 27c	\$32 67
	presswork, 28 tokens @ 15c	4 20
	<i>Allowed August 31, 1892.</i>	
27	Robert Smith & Co.,	
Aug. 22	For 1,200 blanks for receipt book No. 17, sam. 8	1 40
	composition on 1,500 copies of sale of Agricultural College lands from page 33 to 73, 157,523 ems @ 27c	42 53
	presswork, 42 tokens @ 15c	6 30
	<i>Allowed September 28, 1892.</i>	
Sept. 9	Robert Smith & Co.,	
	For 1,500 letter heads, sam. 50	1 80
	500 letters to publishers, sam. 13	1 00
14	1,000 statements No. 43, sam. 46	2 25
	<i>Allowed December 29, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 3,000 copies of report of sale of Agricultural College lands from page 1 to end, 98,081 ems @ 27c	26 48
12	presswork, 56 tokens @ 15c	8 40
	4,750 envelopes, sam. 18	1 90
	<i>Allowed January 25, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 500 blanks No. 32½, sam. 30	2 60
	500 " " 30, " 30	2 60
	<i>Allowed February 23, 1893.</i>	
Feb. 26	Robert Smith & Co.,	
3	For 2,500 blanks, No. 43, sam. 32	9 60
	500 " " 32, " 30	2 60
12	500 " " 33, " 30	2 60
	500 " " 30, " 46	1 50
Jan. 27	Ihling Bros. & Everard,	
	For 2¼ reams 17x23, 24 lb. folio, sam. 25	9 60
	lithographing 5 M letter heads @ \$3.00	15 00
	blocking 5 M letter heads, 50 blocks	1 00
	<i>Allowed March 29, 1893.</i>	
Feb. 28	Darins D. Thorp,	
Mar. 6	For making 15 small plat books	16 00
11	stamping in gilt 16 plat books @ 25c	4 00
	printing 3,500 large plates	8 17
	9,500 small "	6 65
Feb. 21	Robert Smith & Co.,	
	For 500 blanks, No. 77, sam. 45	1 60
	800 " " " S. T. L. receipt, sam. 13	1 30
	800 " " " 73, sam. 8	1 00
	2,500 " " " 1, " 8	2 70
	2,500 " " " 2, " 8	2 70
	1,000 " " " 74, " 8	1 20
	800 " " " 24½, copy ink, sam. 13	1 40
	1,500 " " " 100, sam. 13	2 00
	500 " " " 40, " 31	6 60
	5,000 plat blanks, No. 76, sam. 8	5 20
	3,400 " 6 in. @ \$1.75	7 00
	Amount carried forward	\$248 53

State Land Office vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
<i>Allowed April 26, 1898.</i>		
April 10	Amount brought forward	\$248 55
	Robert Smith & Co.,	
	For 500 blanks, No. 27, sam. 48	1 50
	980 field notes, " 70	8 25
	3,840 blanks, No. 44, " 80	8 80
	2,850 " " 81, " 46	5 10
	3,840 letter heads, " 49	3 25
<i>Allowed May 31, 1898.</i>		
26	Robert Smith & Co.,	
	For 1,000 blanks, No. 2, sam. 13	1 50
	500 " relative to swamp lands, sam. 86	2 80
	500 " No. 29, sam. 14	1 80
	Total for printing	\$270 95
BINDING.		
<i>Allowed August 31, 1892.</i>		
Aug. 2	Robert Smith & Co.,	
	For binding 8 treasurer's receipts, ¼ Russia @ 75c, not on contract	\$2 25
	perforating same	50
	numbering	1 25
6	binding without covers 1,500 sales of Agricultural College lands, sam. 13	3 45
<i>Allowed October 26, 1892.</i>		
Oct. 8	Robert Smith & Co.,	
	For lettering on lower title of letter books, 4 lines each of vols. 39 to 55 inclusive, 17 vols., sam. 52	6 80
8	binding 1 book of letters, A. B., 28 quires	2 24
	" 1 " " " C. D., 30 "	2 40
	" 1 " " " E. F. G., 25 "	2 00
	" 1 " " " H. I. J., 25 "	2 00
	" 1 " " " K. L. M., 37 "	2 98
	" 1 " " " N. O. P., 31 "	2 48
	" 1 " " " S. T., 31 "	2 48
	" 1 " " " V. W. Y. Z., 23 "	1 84
	cutting index in each @ 25c	2 00
	All above ¼ roan, sam. 43 for 1891.	
<i>Allowed January 25, 1898.</i>		
Jan. 2	Robert Smith & Co.,	
	For binding with covers 600 reports, sam. 11	1 65
	" 300 reports, cloth, sam. 4	\$0 00
<i>Allowed February 23, 1898.</i>		
25	Robert Smith & Co.,	
	For folding 2,500 circulars, No. 1, sam. 16	75
30	ruling 200 sheets, 2 sides	75
	folding and stitching 180 sheets field note paper	50
	making 8 blocks, sam. 49	08
Feb. 18	blocking 10 due bills, sam. 48	10
<i>Allowed March 29, 1898.</i>		
22	Robert Smith & Co.,	
	For blocking 10 deposit blanks, sam. 49	10
	" 50 land plats, No. 76, sam. 49	50
	" 50 receipts, " 48	50
	" 8 No. 24½, " 48	08
24	" 15 certificate blanks, " 48	15
	" 8 receipts, " 49	08
28	" 8 " " 47	16
	" 10 " " 49	10
Mar. 20	folding 960 sheets field notes, " 16	29
	stitching 240 same, " 13	56
<i>Allowed April 26, 1898.</i>		
April 3	Robert Smith & Co.,	
	For blocking 5 blocks blank receipts, sam. 47	10
	cutting paper, 2 cuts, sam. 50	20
<i>Allowed May 31, 1898.</i>		
24	Robert Smith & Co.,	
	For blocking 10 No. 12, sam. 42	10
	Total for binding	\$71 40

State Land Office vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 1	A. M. Emery,	
	For 11 lbs. blotting paper, sam. 14	\$1 54
June 8	1 dozen crow quill pens	50
17	1 M eyelets	36
<i>Allowed November 20, 1892.</i>		
Nov. 16	Theo. L. Backus,	
	For 5 M 783-8½ Government envelopes, sam. 210, @ \$1.42	7 10
2	Ihling Bros. & Everard,	
	For 1 dozen field note books	10 00
<i>Allowed December 28, 1892.</i>		
Dec. 7	Ihling Bros. & Everard,	
	For 1-12 dozen quarts Sanford's sup. mucilage, sam. 57 B, @ \$6.50	54
	12 gross No. 17 bands, sam. 60, @ 18c gross	2 16
	1 " Dixon's pencils, sam. 31 C	5 25
<i>Allowed January 25, 1893.</i>		
Jan. 3	A. M. Emery,	
	For 2 lbs erasers @ \$1.00	2 00
	¼ dozen sponge cups @ \$1.50	75
	¼ " out glass inkstands @ \$6.00	2 00
	¼ " steel ink erasers @ 4.50	2 25
	3 " pencils @ 30c	90
	2 gross pens @ 50c	1 00
	2 " " @ 75c	1 50
	100 thumb tacks	1 00
	100 crow quill pens	50
28	Ihling Bros. & Everard,	
	For 2 gross No. 170 Gillott's pens @ 60c, sam. 38 M	1 20
	2 " 128 Esterbrook pens @ 47c, sam. 38 A	94
	2 " Faber's pencils, No. 8 @ \$10.00, " 31 B	20 00
	2 " " " " " 31 B	20 00
	4 reams 12 lb. O. B. foolscap @ 18c lb., sam. 16	8 64
	4 " 14 " legal " 18	10 08
	4 " 17x28 Scotch ledger @ 21c lb., " 28 B	16 80
<i>Allowed February 23, 1893.</i>		
Feb. 11	Ihling Bros. & Everard,	
	For 2 gross No. 243 Barnes Bros. pens	1 20
	2 cards " 659 Gillott's	1 00
<i>Allowed March 29, 1893.</i>		
16	Ihling Bros. & Everard,	
	For 10 reams 17x22, 20 lb. Scotch linen paper @ 21c, sam. 28 B	42 00
	6 " 17x28, 24 " " " " " 28 B	30 24
	6 " 17x28, 36 " " " " " 28 B	45 36
Mar. 15	Theo. L. Backus,	
	For 25 lbs. assort. col. cover paper @ 7c, sam. 8	1 75
	2 dozen thumb tacks @ 25c, sam. 120	52
	¼ " ruling pens @ \$6.00, " 113	3 00
	1 roll drawing paper, " 137	6 18
	¼ dozen 16-inch flex. rulers @ \$3.00, sam. 111	1 50
	¼ gross assort. penholders, n. o. c.	4 70
14	A. M. Emery,	
	For 1 index memo.	50
	1 record	40
	1 dozen shorthand books	1 00
22	4 pints Higgin's ink @ 25c	1 00
	1 calendar	50
<i>Allowed April 26, 1893.</i>		
April 19	Ihling Bros. & Everard,	
	For 2 dozen 659 Gillott pens @ \$4.00, sam. 38 F	67
	¼ gross each blue, green and red pencils, { sam. 32 A }	5 75
	2 " " " " " " " 33 A }	
	2 " " " " " " " 34 A }	
	2 " 0000% rubber bands @ \$1.75, sam. 69	3 50
	2 " 000% " " " @ 75c, " 60	1 50
	2 " 00% " " " @ \$1.25, " 60	2 50
	¼ dozen quarts Sanford's Arab. mucilage @ \$5.50, sam. 57 A	4 25
	1 gross No. 10 Gluc. pens, sam. 23	1 50
	1 " " 11 " " sam. 28	1 50
Amount carried forward		\$279 01

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State Land Office vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$279 01
April 13	Theo. L. Backus,	
	For 1 M B eyelets, sam. 97	36
	1 M D. B. eyelets, sam. 97	36
24	1/4 dozen fine ruling pens, No. 925, n. o. c.	3 00
Mar. 29	A. M. Emery,	
	For 1 ream 6 lb. note paper, item 16, @ 18c	1 08
	1/4 letter, 12 lb., item 16, @ 18c	1 08
	250 No. 6 plain white envelopes, item 308, @ \$1.30	32
13	1/4 M seals, item 48, @ \$1.75	88
	2 bottles rubber stamp ink @ 25c	50
	<i>Allowed May 31, 1893.</i>	
May 4	Ihling Bros. & Everard,	
	For field note books	33 00
26	Theo. L. Backus,	
	For 500 5x11 1/2 envelopes @ \$4.25, sam. 177	2 13
	1,000 6 1/2x10 " sam. 181	2 63
April	A. M. Emery,	
	For 3 bottles drawing ink @ 25c	75
	Total for stationery	\$324 13
	RECAPITULATION.	
	General allowance	\$5,589 07
	Printing	270 95
	Binding	71 40
	Stationery	324 13
	Total allowance to State Land Office	\$6,255 55

Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 2	Attorney General, For postage for August	\$12 00
7 to 16	A. A. Ellis, For railroad fare to Ionia and return	2 05
	Sheriff Heffron investigation:	
	railroad fare, Lansing to Mackinac and return	15 54
	hotel bill, 10 days @ \$2.00	20 00
	sleeper to Saginaw and return	3 00
	railroad fare, St. Ignace to Trout Lake and return	2 16
	Trout Lake to Manistique and return	5 04
	in account vs. Dunbar:	
	railroad fare, Manistique to Escanaba and return	3 20
	stage fare, North Escanaba to Escanaba	50
	crossing Straits twice	1 00
18	railroad fare, Ionia and return	2 05
23	" " " "	2 05
	Telegraph & Telephone Construction Co., For rental of telephone from July 1 to October 1, 1892	10 00
	Michigan Bell Telephone Co., For messages for June	5 70
	Western Union Telegraph Co., For messages for June	9 27
June 8	Leland B. Case, For 4½ days in case of State vs. H. Warner, et al.	22 50
July 27	R. L. Polk & Co., For 1 copy of Lansing city and Ingham county directory, 1892, as per contract	5 00
	<i>Allowed August 31, 1892.</i>	
30	A. A. Ellis, For car fare, Ionia and return	2 05
Aug. 6	" " " "	2 05
13	" " " "	2 05
15	" " " to Detroit	3 70
	" " " Detroit to Lansing	2 55
	hotel bill	2 00
20	car fare, Ionia and return	2 05
23	" " Lansing to Bay City	2 85
	hotel bill	2 00
24	car fare, Bay City to Grand Rapids	4 80
25	" " Grand Rapids to Lansing	1 95
	hotel bill	2 00
	car fare, Ionia and return	2 05
	supplies	25
	Seymour Foster, For rent of P. O. box 486 for quarter ending September 30	75
	Attorney General, For postage for September	20 00
5	Randolph Loomis, For 115 folios, testimony in case of Alfred L. Millard vs. Jerome Truax and George W. Stone, Auditor General, @ 2c	2 30
	Michigan Bell Telephone Co., For messages, July 1 to 27	2 60
July 22	Western Union Telegraph Co., For messages	77
	West Publishing Co., For subscription to N. W. reports, vol. 52	3 50
Aug. 26	John F. Rouse, For clerk's fees due in following cases: State of Michigan by Moses Taggart, Attorney General, vs. Ed. W. Sparrow, et al.	12 50
	State of Michigan by Moses Taggart, Attorney General, vs. Flint & Pere Marquette R. R. Co. et al.	18 25
	State of Michigan by Moses Taggart, Attorney General, vs. G. R. & I. R. R. Co. et al.	8 30
	State of Michigan by Moses Taggart, Attorney General, vs. Jackson, Lan- sing & Saginaw R. R. Co. et al.	6 40
	Amount carried forward	\$222 78

ANNUAL REPORT OF THE

Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$222 78
April 5 and 6	H. M. Harpster, For services and expenses in Supreme Court in case of <i>People vs. Henry Baah</i> : railroad fare from Hart to Lansing and return	8 40
	board	8 00
	two days' time	20 00
June 6, 7 and 8	Curtis E. Pierce, For services and expenses in Supreme Court, case of <i>Curtis E. Pierce</i> , prosecuting attorney, vs. <i>Geo. P. Cobb</i> , circuit judge: paid clerk Supreme Court	3 00
	railroad fare, Bay City to Lansing and return	8 90
	hotel bill	2 00
	1 day's service	10 00
Sept. 28	C. E. Townsend, For recording <i>les pendens</i> in suit, <i>State of Michigan vs. Z. C. Jessop et al.</i>	1 00
	John F. Rouse, For register's fees as commencement of suit in case of <i>State Board of Inspectors vs. Zenus C. Jessop et al.</i>	5 00
	Geo. Atcheson, For 1 black copying ribbon	1 00
Aug. 28	A. A. Ellis, For car fare, Lansing to Detroit	2 55
	hotel	2 00
	boat fare, Detroit to Alpena	4 50
	hotel	2 00
28, 29, 30 31	" at Alpena	6 25
	car fare, " to Alger	3 15
	" " Alger to Bay City	1 25
	" " Bay City to Lansing	2 35
	hotel, \$2.00; express, 30c	2 30
Sept. 2	express	30
5	car fare, Ionia and return	2 05
13	" " " " "	2 05
15	" " " " "	2 05
17	balance on vol. 53 N. W. reporter	50
23	telegram State Board of Health	3 03
24	" J. W. Champlin, Grand Rapids	25
	" H. S. Robinson, Detroit	50
	Attorney General, For postage for October	10 00
	Michigan Bell Telephone Co., For messages for August	2 75
	Western Union Telegraph Co., For messages for August	3 11
	<i>Allowed October 26, 1892.</i>	
28	John Boyle, For serving subpoenas in the case of the <i>State Board of Inspectors vs. Zenus C. Jessop et al.</i> : service, \$1.00; travel, 20c	1 20
	two copies	50
	Attorney General, For postage for November	20 00
	A. A. Ellis, For Premier typewriter ribbon	1 00
Oct. 1	car fare, Lansing to Detroit	2 55
	hotel	1 00
	car fare, Detroit to Ionia	3 70
3	" " Ionia and return	2 05
5	" " " " "	2 05
8 and 10	express	60
	case of <i>M. McPherson vs. Secretary of State</i> : car fare and sleeper from Ionia to Washington and return	57 80
9	hotel	15 50
12	typewriter repairs	75
24	express	25
	American Express Co., For express, October 21, 22	8 25
	Michigan Bell Telephone Co., For messages for September	6 05
	Telegraph & Telephone Construction Co., For rent of telephone from October 1, 1892, to January 1, 1893	10 00
	Western Union Telegraph Co., For messages for September	3 19
	Amount carried forward	\$459 46

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Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
Nov. 16	Amount brought forward.....	\$450 46
	Curtis E. Pierce,	
	For services and expenses in Supreme Court, case of People vs. Chaird Harrison	
17	paid fare Bay City to Lansing and return.....	3 90
	paid hotel bill.....	2 00
	conveyance.....	50
17-18	one day services, arguing case at Supreme Court.....	10 00
	L. N. Burke,	
	For services and expenses in Supreme Court under act No. 75, laws of 1891, case	
	of People vs. Chas. E. Taylor:	
	services rendered assisting in the argument of said case in the Supreme	
	Court, by request of the Attorney General, two day's time, @ \$10 per day..	20 00
	railroad fare to Lansing from Kalamazoo and return.....	4 10
	back fare to and from train at Kalamazoo and Lansing.....	1 00
	hotel bill, Lansing.....	1 50
	telegram to Attorney General.....	25
	Walter S. Harsha,	
	For copy, defendant's testimony, 300 folios @ 10c.....	30 00
16-17	Cyrus A. Hovey,	
	For 1½ days attendance on Supreme Court, in argument of People vs. Thilo	
	Kueha, at \$10 per day.....	15 00
	railroad fare, Port Huron to Lansing.....	2 29
	" " Lansing to Port Huron.....	2 29
	hotel, Lansing, 1½ days at \$2.....	3 00
	carriage to and from train, Lansing.....	75
	" " " " Port Huron.....	50
	Attorney General,	
	For postage for December.....	25 00
Oct. 31	A. A. Ellis,	
	For telegrams to Secretary of State and Board of Election Commissioners.....	85
	" " Roseman Watson.....	91
	" " Fred Cook.....	35
Nov. 3	red ink.....	15
4	telegrams to An Sable and Oscoda.....	1 04
	" " Houghton.....	1 50
10	car fare, Ionia to Detroit.....	3 70
	hotel.....	2 00
11	car fare, Detroit to Ionia.....	3 70
12	telegram to James McNamara.....	26
	" " Ashley Pond.....	51
	car fare, Ionia to Detroit.....	3 70
	hotel.....	1 50
	car fare, Detroit to Ionia.....	3 70
14	" " Ionia to Lansing and return.....	2 05
15	" " Jackson and return.....	2 00
	hotel.....	50
17	car fare, Grand Rapids and return.....	3 50
18	hotel.....	2 50
	car fare, Lansing to Detroit.....	2 55
19	hotel.....	2 50
	car fare, Detroit to Lansing.....	2 55
21	" " Ionia to Lansing and return.....	2 05
	" " Lansing to Detroit.....	2 55
	hotel.....	2 50
22	car fare, Detroit to Lansing.....	2 55
	<i>Allowed December 28, 1892.</i>	
	William H. Loudon,	
	For services and expenses in Supreme Court under Act No. 72, laws of 1887, in	
	the case of People vs. Frank Treat:	
March 7	B. R. fare to Lansing via Charlotte.....	1 22
	dinner and supper at Hotel Downey.....	1 00
	breakfast and dinner at restaurant.....	50
	railroad fare to Hastings via D., L. & N.....	1 30
	two days service arguing case, etc.....	20 00
	Amount carried forward.....	\$952 53

BOARD OF STATE AUDITORS.

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Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$1,196 79
Feb. 6	A. A. Ellis,	
	For car fare, Lansing to Ionia and return	2 05
11, 12, 13	hotel bill	6 00
13	car fare, Lansing to Jackson	1 10
14	hotel bill at Jackson	2 00
	car fare, Jackson to Detroit	2 25
	expense at Detroit	5 00
15	car fare, Lansing to Detroit	2 55
12	extra time of stenographer for work on brief in case of State vs. J., L. & S. R. R. Co.:	
	Sunday and Sunday night, 1½ days	2 50
18	car fare, Lansing to Detroit	2 55
	hotel at Detroit	2 50
	car fare, Detroit to Ionia	3 70
	Ionia to Lansing and return	2 05
	Seymour Foster, postmaster,	
	For rent of box 486 for quarter ending March 31, 1893	75
1	Attorney General,	
	For postage for month of March	15 00
	A. M. Emery,	
	For 1 letter copying book	2 50
	¼ M 6½ envelopes	38
	Western Union Telegraph Company,	
	For messages from January 19 to 27, 1893, inclusive	50
	Michigan Bell Telephone Company,	
	For messages from January 18 to 30, 1893, inclusive	1 90
	4 to 18, " "	2 25
12	Mrs. Jennie Payne,	
	For extra time as stenographer in Attorney General's office on brief in Jackson, Lansing and Saginaw case	5 00
	<i>Allowed March 29, 1893.</i>	
Jan. 1, 2	W. R. Kendrick,	
	For attendance and argument before the Supreme Court in case of Wm. Palmer vs. Saginaw Circuit Judge:	
	1 day's attendance	10 00
	railroad fare, Saginaw to Lansing and return	3 90
	hotel at Lansing	3 00
Mar. 3	West Publishing Company,	
	For subscription to N. W. Reporter, vol. 53	4 00
	Mrs. H. S. Sleeper	
	For services of Henry Sleeper in State land cases performed at the request of the Attorney General	25 00
	Attorney General,	
	For postage for month of April, 1893	10 00
Feb. 24	W. S. Wright, deputy sheriff,	
	For serving circuit court subpoenas on O. M. Barnes, service, 15c; 15 miles, \$1.50; copy, 25c	1 90
	serving circuit court subpoenas on D. S. Smith, Jackson, service, 15c; 40 miles, \$4.00; copy, 25c	4 40
	serving circuit court subpoenas on Wm. Chamberlain, Three Oaks, service, 15c; 153 miles, \$15.50; copy, 25c	15 90
	serving circuit court subpoenas on Thos. A. Wilson, Jackson, service, 15c; 40 miles, \$4.00; copy, 25c	4 40
	serving circuit court subpoenas on Henry S. Dean, Ann Arbor, service, 15c; 80 miles, \$8.00; copy, 25c	8 40
	serving circuit court subpoenas on G. N. Davis, Jackson, service, 15c; 40 miles, \$4.00; copy, 25c	4 40
	serving circuit court subpoenas on C. G. Luce, Coldwater, service, 15c; 105 miles, \$10.50; copy, 25c	10 90
	serving circuit court subpoenas on G. Major Tabor, service, 15c; 40 miles, \$4.00; copy, 25c	4 00
	Western Union Telegraph Company,	
	For messages from February 2, 1893, to 25, inclusive	4 00
	Michigan Bell Telephone Company,	
	For messages from February 2 to 27, inclusive	4 15
	Florence C. Betts,	
	For copying, \$1.25; March 9, 10, 11, services as stenographer, \$5.00	6 25
18	services as stenographer	2 00
22	" "	2 00
	A. A. Ellis,	
	For car fare, Lansing to Eaton Rapids	60
	expense at Eaton Rapids	1 00
	Amount carried forward	\$1,390 52

ANNUAL REPORT OF THE

Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward.....	\$1,800 52
Feb. 22	A. A. Ellis,	
	For care fare, Eaton Rapids to Jackson.....	72
	hotel at Jackson.....	2 50
23	car fare, Jackson to Lansing.....	1 10
24	blank subpoenas.....	30
27	car fare, Ionia and return.....	2 05
28	" " Mason and return.....	70
	hotel at ".....	2 00
Mar. 1	express.....	75
6	car fare, Ionia and return.....	2 05
	alcohol for blotter baths.....	25
8	car fare, Ionia and return.....	2 05
10	" " Lansing to Mackinaw and return, sleeper.....	24 50
	" " St. Ignace to Escanaba and return.....	11 12
	crossing straits twice.....	1 00
	stage at Escanaba.....	1 00
	hotel bill, Escanaba, 10 to 15 inclusive.....	18 00
20	car fare to Ionia and return.....	2 05
22	" " Detroit and return, including bus fare.....	5 60
	hotel.....	3 00
	car fare, Ionia and return.....	2 05
	<i>Allowed April 26, 1898.</i>	
April 12	West Publishing Co.,	
	For subscription to Northwestern Reporter, Vol. 54.....	4 00
21	L. G. Titus,	
	For railroad fare and hotel bill to Lansing on hearing case of People vs. Adams,	7 25
	one day.....	10 00
22	Wm. J. Gregg,	
	For entry fee in case of State vs. Mutual Reserve Live Stock Insurance Company	3 00
18	John McLaughlin,	
	For service of summons on George L. Maltz, one of the defendants in the case of	
	State vs. Dix, et al.....	3 00
3	A. A. Ellis,	
	For car fare, Ionia and return.....	2 05
	deposit with the clerk of the United States Supreme Court in case of State	
	vs. F. & P. M. R. R. Co.....	25 00
5	car fare, Grand Rapids.....	1 95
	hotel.....	3 00
	car fare, Grand Rapids to Lansing.....	1 95
7	cash paid county clerk for fees in commencing suit of State vs. Dix, et al.....	3 00
8	telegram to McNamara.....	30
	" C. E. Baxter.....	30
10	car fare, Ionia and return.....	2 05
14	" " " ".....	2 05
17	" " " ".....	2 05
	" " Grand Rapids.....	1 95
	hotel.....	3 00
18	car fare, Grand Rapids to Lansing.....	1 95
24	" " Ionia and return.....	2 05
	postage for May.....	17 60
7	W. S. Wright,	
	For serving summons on Roscoe D. Dix.....	25
	15 miles travel.....	1 50
	copy.....	10
	Western Union Telegraph Co.,	
	For messages from March 8, 1898, to 31 inclusive.....	14 07
	Michigan Bell Telephone Co.,	
	For messages from March 1, 1898, to 31 inclusive.....	6 55
	<i>Allowed May 31, 1898.</i>	
May 18	Huber & Metzger,	
	For 1 dozen Paragon typewriter ribbons.....	9 00
4	Bernice Jones,	
	For services as stenographer for attorney General.....	3 00
	B. R. Pealer,	
	For services in the Featherly case.....	25 00
26	A. A. Ellis,	
	For postage for June, 1898.....	10 00
April 25	car fare, Lansing to Chicago.....	6 08
	transfer at Chicago.....	1 00
	car fare from Chicago to Escanaba and sleeper.....	13 50
	transfer at Escanaba.....	50
	Amount carried forward.....	\$1,659 73

BOARD OF STATE AUDITORS.

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Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$1,659 73
April 25	A. A. Ellis,	
	For car fare from Escanaba to Chicago	13 50
	" " Chicago to Lansing	6 05
	expenses for four days	12 00
	telegram to office	50
	" " McNamara, prosecuting attorney	89
	" " Munson, medical superintendent	80
	" " operator	50
	" " repeated	50
	" " McNamara	55
	" " Judge Kelley	70
	" " McNamara	80
	" " prosecuting attorney	70
	car fare from Lansing to Marshall	1 74
	" " Marshall to Lansing	1 74
	expenses for two days	6 00
	telegram to Sherwood	25
May 4	alcohol for blotter bath	25
8	car fare, Ionia and return	2 05
	" " Lansing to Jackson	1 00
	hotel	3 00
15	car fare from Lansing to Jackson	1 00
	" " Ionia and return	2 05
22	expense	55
27	car fare, Ionia and return	2 05
	typewriter repairs	50
	Western Union Telegraph Co.,	
	For messages from April 1 to 28, 1893, inclusive	7 66
	Postal Telegraph Co.,	
	For messages from April 11 to 25, 1893, inclusive	79
	Michigan Telephone Co.,	
	For messages from April 1 to 28, 1893, inclusive	4 50
26	L. E. Rowley, P. M.,	
	For rent of box No. 486 for quarter ending June 30, 1893	75
	<i>Allowed June 28, 1893.</i>	
June 26	A. H. Briggs,	
	For dictating and transcribing brief and arguments on tax law, 40 folios @	
	15c, 2 copies	6 00
21, 22, 23	N. A. Hamilton,	
	For attendance at Supreme Court, as prosecuting attorney of Berrien county, at	
	request of Attorney General, 3 days	30 00
	traveling expenses from St. Joseph to Lansing and return	7 80
	hotel	5 00
May 29	A. A. Ellis,	
	For car fare, Ionia and return	2 05
	" " " "	2 05
	" " " " Lansing to Corrunna, via, Ionia, and return	5 18
	expenses, 1 1/4 days	4 50
9	car fare, Detroit from Lansing	2 55
	hotel	6 00
10	car fare, Detroit to Lansing	2 55
	telegram to Sherwood, Marquette	67
12	car fare, Ionia and return	2 05
	" " Lansing to Mason	35
	hotel	2 00
	car fare, Mason to Lansing	35
	telegram from Commissioner of Banking	25
13	car fare, Lansing to Chicago	6 05
	hack, Lansing	25
1	hotel	3 00
	sleeper	2 00
14	car fare, Chicago to Crystal Falls	9 38
	transfers, Chicago	1 00
	hotel	3 00
15	"	3 00
	car fare, Crystal Falls to Chicago	9 38
	sleeper	2 00
16	hotel	3 00
	telegram to Commissioner of Banking	25
	sleeper	2 00
	car fare, Chicago to Detroit	7 75
	Amount carried forward	\$1,866 26

ANNUAL REPORT OF THE

Attorney General vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
May 17	Amount brought forward	\$1,866 86
	A. A. Ellis,	
	For hotel	2 00
19	car fare, Detroit to Lansing	2 55
	" " Ionia and return	2 05
	" " Lansing to Port Huron	2 30
21	hotel	3 00
23, 23	boat to Rogers City from Alpena	6 00
	hotel	4 50
24	boat, Rogers City to Alpena	2 50
25	hotel at Alpena	3 00
26	" " "	3 00
June 26	postage for July	10 00
	box rent to September 30, 1893	75
	Western Union Telegraph Co.,	
	For messages from May 3 to 23, 1893, inclusive	1 43
	Michigan Bell Telephone Co.,	
	For messages from May 10 to 18, 1893, inclusive	1 00
	" " " 10 to 23, 1893, "	75
	Total for general allowance	\$1,914 69
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 5	Robert Smith & Co.,	
	For 20 briefs, People vs. Kenyon, 7 pp., sam. 7	\$3 85
	paper for same	50
	20 briefs, People vs. Quanstrom, 4 pp., sam. 7	2 20
	paper for same	25
	20 briefs, Giddings vs. Blacker, 36 pp., sam. 7	19 80
	80 extra copies @ 25c	20 00
	paper for same	5 40
	20 briefs, Supervisors of Houghton vs. Blacker, 23 pp., sam. 7	12 10
	paper for same	75
	80 extra copies @ 25c	20 00
	<i>Allowed September 29, 1892.</i>	
Sept. 19	Robert Smith & Co.,	
	For alterations on copy of report, galleys 1 to 3, 1½ hours @ 30c	45
	<i>Allowed October 26, 1892.</i>	
Oct. 18	Robert Smith & Co.,	
	For composition on 4,000 copies of report from page 1 to 240, 628,136 ems @ 27c	169 59
17	presswork 510 tokens @ 15c	76 50
	alterations on copy of report, galleys 4 to 91, 34½ hours; page proof, sig. 3 to 23, 6 hours; general index, 1 to 11, 4¼ hours—43¼ hours @ 30c	13 57
	<i>Allowed December 28, 1892.</i>	
Dec. 24	Ihling Bros. & Everard,	
	For lithographing 5,500 envelopes @ \$2.50	13 75
	cash paid freight from Lansing on envelopes	50
	<i>Allowed January 25, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 400 blanks for law register, sam. 37	1 10
	paper for same	1 50
	500 abstract blanks for prosecuting attorney, sam. 62	9 50
	paper for same, 24lbs @ 14c	3 36
	<i>Allowed February 23, 1893.</i>	
Feb. 6	Robert Smith & Co.,	
	For 20 additional briefs, People vs. Chas. Smith, 4 pp., sam. 7	2 20
	paper for same	25
	100 opinions on taxation of dogs, sam. 13	60
	100 " mortgage tax law, sam. 7	55
	20 additional briefs, State vs. Ephn. Harris, 20 pp., sam. 7	11 00
	paper for three last named jobs	1 25
	200 certificates, sam. 8	40
	paper for same	25
	Amount carried forward	\$390 97

BOARD OF STATE AUDITORS.

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Attorney General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1893.</i>	
Feb. 6	Amount brought forward	\$380 97
	Robert Smith & Co.,	
	For 20 briefs, <i>People vs. Westbrook</i> , 8 pp., sam. 7	4 40
	paper for same	50
	100 opinions, <i>Willard Sterns</i> , sam. 13	60
	paper for same	25
	20 briefs, <i>State vs. J. L. & S. R. R.</i> , 124 pp., sam. 7	68 20
	30 extra copies of same	16 00
	100 covers for same	70
	paper for above (except covers)	4 05
	changes from copy and matter canceled making an average of 40 galleys at one hour each @ 30c	12 00
	extra for Sunday work (there being special urgency for this brief); copy sent to printer on Saturday at 2 o'clock p. m. and Sunday and Monday morning composition at double price	75 14
	extra for difference in type from sample, 128,778 ems @ 27c	34 23
1892.	Ihling Bros. & Everard,	
Dec. 28	For 2 reams 24lb O. B. folio	7 68
	lithographing 4,000 letter heads @ \$3	12 00
	blocking 400 letter heads	80
	<i>Allowed May 31, 1893.</i>	
Apr. 26	Robert Smith & Co.,	
	For 20 briefs, <i>Barkworth vs. Tateum</i> , 37 pp., sam. 7	20 35
	100 extra copies of same @ 10c	19 00
	paper for above	3 00
	120 covers for above, sam. 21	85
May 1	20 briefs, <i>Turnbull vs. Giddings</i> , 17 pp., sam. 7	9 35
	100 extra copies of same @ 10c	10 00
	covers for same	85
10	200 blank covers, paper	75
	lot of figuring blocks	25
	25 briefs, <i>People vs. Troy</i> , 25 pp., sam 7	18 75
	paper for same	75
	20 briefs, <i>People vs. Aug. Wolf</i> , 5 pp., sam. 7	2 75
	paper for same	25
	Total for printing	\$700 42
	BINDING.	
	<i>Allowed July 27, 1892.</i>	
July 1	Robert Smith & Co.,	
	For binding 25 briefs, sam. 13	\$0 23
	" 25 " " 13	23
	" 100 " " 13	28
	" 100 " " 13	23
	<i>Allowed October 26, 1892.</i>	
Sept. 28	Robert Smith & Co.,	
	For binding 1 N. W. Reporter, vol. 51, ¼ sheep, not in contract	75
Oct. 11	" 50 briefs, sam. 11	27
13	cutting letter heads, 1 cut, sam. 50	10
1	binding 1 vol. letters, A to L, 1892, ¼ roan, 38 quires, sam. 43	3 04
	cutting index in same	25
	binding 1 vol. letters, M to Z, 1892, ¼ roan, 37 quires, sam. 43	2 96
	cutting index in same	25
	<i>Allowed December 28, 1892.</i>	
Dec. 9	Robert Smith & Co.,	
	For binding 95 vols. report, 1891, 1892, full sheep, sam. 8	35 63
	" 48 reports, 1892, full sheep, sam. 8	18 00
19	" 1 U. S. statutes, full sheep, sam. 9	40
12	100 paper and cutting for blank covers	75
27	binding one law register, <i>Russia ends and bands</i> , 5 quires, sam. 30, \$1.50; cutting index in same, 50c	2 00
	paging same, sam. 51	24
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For folding 500 blanks, sam. 16	15
12	binding 1 prosecuting attorney report, ¼ <i>Russia</i> , 5 quires, sam. 39	90
	Amount carried forward	\$86 61

Attorney General vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1892.</i>	
	Amount brought forward	\$65 61
Jan. 30	Robert Smith & Co.,	
	For folding and trimming 28 briefs	56
Feb. 2	For " " " 25 "	50
	binding 20 briefs of 5 forms	35
	<i>Allowed March 29, 1892.</i>	
Feb. 22	Robert Smith & Co.,	
	For binding record of checks, Russia ends and backs, 3 quires, sam. 27	2 40
	padding same	18
Mar. 1	binding 2 cash books, full leather, bevel bound	2 50
	blocking 16 letter heads, sam. 47	32
Feb. 22	folding, stitching and gathering 100 briefs	1 50
Mar. 8	binding 1 book of letters, A to Z, ¼ roan, 43 quires, sam. 48	3 44
	paper and ruling index for same	50
	cutting index in same	25
	<i>Allowed April 26, 1892.</i>	
April 3	Robert Smith & Co.,	
	For binding 125 briefs with covers, sam. 11	42
	with covers 128 court briefs, sam. 11	55
	<i>Allowed May 31, 1892.</i>	
24	Robert Smith & Co.,	
	For binding 20 briefs	25
	25 "	25
May 5	cutting typewriting paper, 14 cuts, sam. 50	1 40
18	blotting paper, 12 cuts, sam. 50	1 20
	repairing 2 Howell's statutes	1 00
22	1 " 2 vols.	50
	Total for binding	\$84 68
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
June 24	A. M. Emery,	
	For ¼ quire legal blanks	30 15
	indexed memorandum	35
	<i>Allowed September 28, 1892.</i>	
Sept. 9	Theo. L. Backus,	
	For ¼ doz. blocks typewriter ribbons, sam. 142, at \$7.50	3 75
Aug. 1	A. M. Emery,	
	For letter copying book	1 50
	1 doz. Faber's Siberian pencils	85
15	1 " short hand books	50
Sept. 12	1 " erasers	50
	1 " sheets carbon	35
	<i>Allowed October 26, 1892.</i>	
Oct. 12	Theo. L. Backus,	
	For 3M 763-6½ Government white envelopes, sam. 210 @ \$1.42	4 26
	<i>Allowed November 30, 1892.</i>	
	Theo. L. Backus,	
	For 2,000 sheets Parsons' bond letter heads padded 100 each, made from 500	
	sheets 21lb Parsons' bond folio, sam. 10, @ \$18.70	9 35
17	extra for padding	40
	1M sheets No. 25 Parsons' bond folio, sam. 18	21 60
Nov. 8	5M 763 8½ Government envelopes, sam. 210, @ \$1.42	7 10
Oct. 29	Ihling Bros. & Everard,	
	For 1 qt. Sanford's Arabic Mucilage @ \$8.50 doz., sam. 57a	71
Nov. 9	lithographing 4,000 letterheads, stock furnished, @ \$3	12 00
Oct. 11	A. M. Emery,	
	For 1 doz. carbon	35
15	1 " "	35
19	1 " "	35
Nov. 12	2 " lead pencils @ 40c	80
	Amount carried forward	\$65 22

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STATIONERY.

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ANNUAL REPORT OF THE

Superintendent of Public Instruction vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 19	Thos. Bradman, For taking paper to State Printer.....	\$0 35
	Telegraph and Telephone Construction Co., For rental of Telephone from July 1 to October 1, 1892.....	10 00
	Michigan Bell Telephone Co., For messages for June.....	3 35
	Western Union Telegraph Co., For messages, June 1 to 27.....	1 00
	National Express Co., For express, June 24 to July 15.....	1 25
20	R. L. Polk & Co., For 1 copy Lansing city and Ingham county directory, 1892, as per contract.....	5 00
	<i>Allowed August 31, 1892.</i>	
	Superintendent of Public Instruction, For postage for September.....	50 00
	Chilson & McKinley, For 1 copy city directory.....	3 00
	Seymour Foster, For rent of P. O. drawer X, for quarter ending September 30.....	1 00
	American Express Co., For express, July 2 to 23.....	10 83
	" " 23 to August 27.....	72 49
	Michigan Bell Telephone Co., For messages, July 5 to 30.....	80
	United States Express Co., For express, June 23 and August 29.....	1 43
	" " July 9 and 22.....	1 49
	National Express Co., For express, July 21 to August 24.....	14 58
	Western Union Telegraph Co., For messages, July 7 to 29.....	1 98
	<i>Allowed September 28, 1892.</i>	
	United States Express Company, For express, August 19 and September 10 to 20.....	1 63
	Michigan Bell Telephone Co., For messages for August.....	4 45
	Western Union Telegraph Co., For messages for August.....	13 92
	American Express Co., For express, August 29 to September 22.....	15 39
	<i>Allowed October 26, 1892.</i>	
Sept. 15	Perry, Mason & Co., For 200 official program, Columbus day.....	1 50
	Superintendent of Public Instruction, For postage for November.....	75 00
May 2-4	Ferris S. Fitch, For expenses visiting West Michigan College: railroad fare from Lansing to Grand Rapids with sleeper.....	5 40
	hotel expenses at Grand Rapids.....	2 25
	hack fares.....	50
19-20	visit to Akely Institute: railroad fare from Lansing to Grand Haven and return.....	7 35
	sleeper, \$1.50; hack fares, 75c.....	2 25
	hotel expenses.....	4 25
18	visit to Cleary Business College: railroad fare from Lansing to Ypsilanti and return.....	5 00
	hotel expenses.....	2 50
	hack fares.....	50
June 14	visit to Alma College: railroad fare from Lansing to Alma and return.....	4 50
	hotel expenses.....	2 50
	hack fares.....	50
16	visit to Olivet College: railroad fare from Lansing to Olivet and return.....	1 10
	hack fares.....	50
	hotel expenses.....	1 50
17	visit to Battle Creek College: railroad fare from Battle Creek to Olivet and return.....	70
	hack fares.....	50
	hotel expenses.....	2 50
	Amount carried forward.....	\$334 80

BOARD OF STATE AUDITORS.

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Superintendent of Public Instruction vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$384 80
June 29	Ferris S. Fitch, For visit to University: railroad fare from Lansing to Ann Arbor and return	4 50
	hotel and hack fares	2 50
July 12-19	attending meeting of National Educational Association at Saratoga: railroad and boat fare, sleeper and state room	29 00
	hotel 6 1/4 days at Saratoga and en route	17 75
	hack fares on trip	1 00
Aug. 4	visit to State Public School: railroad fare from Lansing to Coldwater and return	5 22
	hotel expenses, \$2; hack, 50c	2 50
16	visit to Saginaw on department business connected with the Saginaw Institute: railroad fare from Lansing to Saginaw and return and hack fares	4 08
	hotel expenses	3 00
22	visit to State Industrial School: railroad fare from Lansing to Adrian and return	3 85
	hack fares, \$1; hotel expenses, \$3	4 00
Sept. 1	Postal Telegraph Co., For message	62
	National Express Company, For express from August 25, to September 24	4 51
	United States Express Co., For express from October 17 to 20	1 10
	Michigan Bell Telephone Co., For messages from September 6 to 26	2 65
	Telegraph and Telephone Construction Co., For rent of telephone from October 1, 1892 to January 1, 1893	10 00
	Western Union Telegraph Co., For messages for September	4 23
	<i>Allowed December 28, 1892.</i>	
	Mrs. Fannie Butler, For 23 hours extra time, from December 5 to 24 inclusive, @ 50c	16 50
	May Turner, For 23 hours extra time, from December 5 to 26 inclusive, @ 50c	16 50
	Jessie D. Wallace, For 23 hours extra time, from December 5 to 24 inclusive, @ 50c	16 50
	Fannie Seward, For 26 hours extra time, from December 5 to 24 inclusive, @ 50c	13 00
	Chas. Cummings, For 22 1/2 hours extra time, from December 5 to 24 inclusive, @ 50c	16 25
	Kate Blair, For 23 hours extra time, from December 5 to 23 inclusive, @ 50c	16 50
	Superintendent of Public Instruction, For postage for January, 1893	50 00
Nov. 29	National Express Company, For express received	30
Dec. 14		40
26	Seymour Foster, P. M., For rent of drawer H for Superintendent of Public Instruction for quarter ending December 31, 1892	1 00
	Western Union Telegraph Co., For messages from November 2 to 18 inclusive	7 19
	Michigan Bell Telephone Co., For messages from November 1 to 23 inclusive	4 80
	<i>Allowed January 25, 1893.</i>	
Jan. 25	Superintendent of Public Instruction, For postage for month of February, 1893	50 00
5	Hatch Engraving Co., For 1 stamp, 65c; engraving signature, 35c	1 00
•	1 " " 65c; " 35c	1 00
16	Ferry & Butts, For 1 oak library table	8 00
	Western Union Telegraph Co., For messages from December 27 to 31 inclusive, 1892	66
	United States Express Co., For express from January 9 to 18 inclusive	2 24
	American Express Co., For express from November 30 to January 20 inclusive	11 88
	Michigan Bell Telephone Co., For messages from December 12 to 30	1 96
	Amount carried forward	\$870 83

BOARD OF STATE AUDITORS.

101

Superintendent of Public Instruction vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
May 30	Amount brought forward	\$1,173 13
	United States Express Co.,	
	For express from April 24 to May 26, 1893, inclusive	5 98
	National Express Co.,	
	For express from May 3 to 26, 1893, inclusive	8 41
	American Express Co.,	
	For express from April 25 to May 26, 1893, inclusive	21 38
	Western Union Telegraph Co.,	
	For messages from April 7 to 29, 1893, inclusive	5 91
	Michigan Bell Telephone Co.,	
	For messages from February 1 to April 15, 1893, inclusive	7 70
26	L. E. Rowley,	
	For rent of drawer X, for quarter ending June 30, 1893	1 00
	<i>Allowed June 28, 1893.</i>	
June 10	B. L. Polk & Co.,	
	For 1 copy Michigan Gazetteer, 1893-4	5 00
24	Superintendent of Public Instruction,	
	For postage for month of July, 1893	100 00
	Western Union Telegraph Co.,	
	Messages from May 2 to 29, 1893	1 77
	Michigan Bell Telephone Co.,	
	For messages from May 4 to 30, 1893, inclusive	2 45
	American Express Co.,	
	For express from June 10 to 21, 1893, inclusive	33 33
	United States Express Co.,	
	For express from May 31 to June 14, 1893, inclusive	10 07
	National Express Co.,	
	For express from June 8 to 14, 1893, inclusive	6 96
	Total for general allowance	\$1,384 09
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 8	Robert Smith & Co.,	
	For alterations on report as follows:	
	galleys 1 to 76, 19 1/4 hours @ 30c	\$3 85
	graded course of study, teachers' institute, 6 hours @ 30c	1 80
5	1,000 teachers' special certificates, No. 4, sam. 27	3 10
	300 list State teachers' institute, sam. 11	99
	400 institute circulars, 1 q, sam. 11	1 11
	400 " " " 1 q, " " 11	1 11
	400 " " " 1 q, " " 11	1 11
	200 " " " 1 q, " " 11	87
	200 " " " 1 q, " " 11	87
	400 " " " 1 q, " " 11	1 11
	500 " " " 1 q, " " 11	1 23
	200 " " " 1 q, " " 11	87
	500 " " " 1 q, " " 11	1 23
	500 " " " 1 q, " " 11	1 23
6	100 blanks, 1 5, copy ink, " 14	1 06
	200 " " 22, " " 14	1 25
	8,000 " " 14, " " 10	11 38
	100 " " circulars, No. 9, " 13	60
11	300 " " " 2 a, " " 11	99
15	10,000 institute enrollment cards, sam. 8	10 30
	2,000 blanks, 35 b, sam. 9	2 50
	400 circulars, 2 b, sam. 11	1 11
	400 " " 2 c, " " 11	1 11
	100 " " 2 d, " " 11	75
	300 " " 2 e, " " 11	99
	100 " " 2 f, " " 11	75
	500 " " 2 g, " " 11	1 23
	400 " " 2 h, " " 11	1 11
	100 " " 2 i, " " 11	75
	400 " " 2 j, " " 11	75
	100 " " 2 k, " " 11	1 11
	400 " " 2 l, " " 11	75
	100 " " 2 m, " " 11	1 11
	400 " " 2 n, " " 11	75
	200 " " 2 o, " " 11	87
	800 " " 2 p, " " 11	99
	800 " " 2 q, " " 11	1 35
	400 " " 2 r, " " 11	1 11
	Amount carried forward	367 04

Superintendent of Public Instruction vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 19	Amount brought forward	\$37 04
	Robert Smith & Co.,	
	For composition on 5,000 copies of 55th report from pages 273 to 288, 33,418 ems @ 27c.	9 08
	presswork, 42 tokens @ 15c	6 30
	composition on 5,000 of graded course of study, 2d edition, from page 1 to 13, 41,863 ems @ 27c	11 30
	presswork, 43 tokens @ 15c	6 30
	<i>Allowed August 31, 1892.</i>	
July 27	Robert Smith & Co.,	
	For 500 examination questions, sam. 8	70
	1,600 botany, sam. 12	1 25
	1,600 general history, sam. 12	1 25
	1,600 geometry, sam. 12	1 25
	4,000 algebra, 1st and 2d grade, sam. 12	2 45
	4,000 arithmetic, sam. 12	2 45
	4,000 civil government, sam. 12	2 45
	4,000 geography, sam. 12	2 45
	4,000 grammar, sam. 12	2 45
	4,000 nat. philosophy, sam. 12	2 45
	4,000 physiology, sam. 12	2 45
	4,000 reading, orthography, etc., sam. 12	2 45
	4,000 U. S. history, sam. 12	2 45
	8,000 arithmetic, 3d grade, sam. 12	4 45
	8,000 civil government, sam. 12	4 45
	8,000 grammar, sam. 12	4 45
	8,000 reading, orthography, etc., sam. 12	4 45
	8,000 physiology, sam. 12	4 45
	8,000 geography, sam. 12	4 45
	8,000 U. S. history, sam. 12	4 45
	12,000 penmanship, all grades, sam. 12	6 45
	12,000 rules governing examinations, sam. 12	6 45
	4,000 theory and art, 1st and 2d grade, sam. 12	2 45
	8,000 " " 3d grade, sam. 12	4 45
	10,000 blanks, No. 5, sam. 8	10 20
	1 ream 28 lb. ledger paper	5 60
	600 circulars, No. 28, sam. 11	1 35
Aug. 11	500 " " 12T, " 11	1 23
	100 " " 11, " 12	60
	400 " " 2e, " 11	1 11
	200 " " 3f, " 11	87
	200 " " 3g, " 11	87
	100 " " 3h, " 11	75
	400 " " 3i, " 11	1 11
	200 " " 3j, " 11	87
	200 " " 3k, " 11	87
	200 " " 3l, " 11	87
	800 " " 3m, " 11	99
	500 " " 3n, " 11	1 23
	100 " " 3o, " 11	75
16	800 list of counties,	3 80
	800 blanks, 8 1/2, sam. 53	5 60
	400 " " No. 16, sam. 56	9 20
	5,750 " " 16, " 62	49 25
	20,000 " " 14, " 53	64 70
	10,000 " " 13, " 31	16 55
	470 recapitulation sheets, sam. 60	17 00
	200 circulars, 2u, sam. 11	87
	300 " " 2v, " 11	99
	100 " " 2w, " 11	75
	200 " " 2x, " 11	81
	500 " " 2y, " 11	1 23
	800 " " 2z, " 11	99
	700 " " 3a, " 11	1 47
	200 " " 3b, " 11	87
	300 " " 3c, " 11	99
	100 blanks, 1 8, sam. 14	1 00
	400 circulars, 3d, sam. 11	1 11
	3,000 rules governing examinations, sam. 12	1 95
	3,000 arithmetic, 3d grade, sam. 12	1 95
	3,000 civil government, 3d grade, sam. 12	1 95
	3,000 grammar, " " 12	1 95
	3,000 geography, " " 12	1 95
	3,000 physiology, " " 12	1 95
	Amount carried forward	\$305 36

Superintendent of Public Instruction vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
Aug. 16	Amount brought forward	\$395 36
	Robert Smith & Co.,	
	For 3,000 penmanship, 3d grade, sam. 12	1 95
	3,000 reading and orthography, 3d grade, sam. 12	1 95
	3,000 theory and art, 3d grade, sam. 12	1 95
	3,000 U. S. history, " 12	1 95
	200 circulars, No. 3p, sam. 11	87
	2,000 3d grade certificates, sam. 27	4 60
22	40 labels for covers for above, sam. 8	30
	composition on 5,000 copies of report, from page 239 to 293 and context ix to xvi, 787,829 ems @ 27 cts.	212 71
	press work, 252 tokens @ 15 cts.	37 80
	<i>Allowed September 28, 1892.</i>	
Sept. 19	Robert Smith & Co.,	
	For alterations on copy of report, galleys 1 to 5, text, 6 hours; galleys 23 to 30,	
9	table, 3½ hours—9¼ hours @ 30c	2 85
	10,000 blanks, 35a, sam. 9	10 50
	2,000 " 1-14, " 10	3 88
	100 " 12b, " 54	2 00
	100 " 13b, " 25	1 00
	100 circulars No. 12, sam. 13	60
	1,800 " " 13, " 13	2 10
	100 " " 14, " 13	60
	2,000 arithmetic, 3d grade, sam. 12	1 45
	2,000 civil government, 3d " " 12	1 45
	2,000 geography, 3d " " 12	1 45
	2,000 grammar, 3d " " 12	1 45
	2,000 orthography and reading, 3d " " 12	1 45
	2,000 penmanship, 3d " " 12	1 45
	2,000 physiology, 3d " " 12	1 45
	2,000 theory and art, 3d " " 12	1 45
	2,000 United State history, 3d " " 12	1 45
	2,000 rules governing, etc., 3d " " 12	1 45
	200 postal cards, large size, two sides, " 24	1 32
	300 circulars, No. 16, sam. 13	80
14	3,000 rules governing examinations, 3d grade, sam. 12	1 95
	3,000 arithmetic, 3d " " 12	1 95
	3,000 civil government, 3d " " 12	1 95
	3,000 geography, 3d " " 12	1 95
	3,000 grammar, 3d " " 12	1 95
	3,000 orthography and reading, 3d " " 12	1 95
	3,000 penmanship, 3d " " 12	1 95
	3,000 physiology, 3d " " 12	1 95
	3,000 theory and art, 3d " " 12	1 95
	3,000 United States history, 3d " " 12	1 95
	100 circulars, No. 17, sam. 13	60
	10,000 3d grade certificates, sam. 27	16 60
	200 labels for same, sam. 8	40
	composition on 5,000 copies of second edition of State Manual and Course	
	Study from page 1 to 52—124,364 ems @ 27c	33 57
	presswork, 147 tokens @ 15c	22 05
	<i>Allowed December 29, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For alteration on copy of report, viz.: galleys 1 and 2, 3 hours, page proof 319 to	
	326, 2 hours—5 hours @ 30c	1 50
	<i>Allowed February 23, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 440 ¼ letter circulars to commissioners of schools, sam. 27	2 35
	2,000 address slips, sam. 8	2 30
	1,000 postal cards to chairman of board of school inspectors, sam. 24	2 44
	10,000 complimentary slips, sam. 8	10 20
	20,000 3d grade certificates, sam. 27	31 60
	400 sub labels for same, sam. 8	60
	4,000 special certificates, sam. 27	7 60
	200 sub labels for same, sam. 8	40
	2,000 2d grade certificates, sam. 27	4 60
	40 sub labels for same, sam. 8	30
	400 1st grade certificates, sam. 10	1 88
	40 sub labels for same, sam. 8	30
	1,920 blanks, register of examinations, sam. 69	8 55
	125 labels for examination register, sam. 8	40
	150 circulars, Arenac, sam. 11	87
	Amount carried forward	\$367 83

Superintendent of Public Instruction vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
Jan. 16	Amount brought forward	\$867 53
	Robert Smith & Co.,	
	For 3,000 examination questions, penmanship, sam. 12	1 95
	3,000 " " theory and art, sam. 12	1 95
	3,000 " " arithmetic, sam. 12	1 95
	3,000 " " geography, sam. 12	1 95
	3,000 " " history, sam. 12	1 95
	3,000 " " civil government, sam. 12	1 95
	3,000 " " orthography, sam. 12	1 95
	3,000 " " grammar, sam. 12	1 95
	3,000 " " physiology and hygiene, sam. 12	1 95
	200 list of words for spelling, sam. 12	55
	300 blanks, chairman board of inspectors, sam. 54	2 25
	1,000 address slips for examination questions, sam. 8	1 20
	300 institute circulars for Jackson county, sam. 11	99
	250 " " " Wayne county, sam. 11	99
	200 circulars, No. 1, copy ink, sam. 14	1 25
	<i>Allowed March 23, 1893.</i>	
	Robert Smith & Co.,	
	For 10,000 examination, arithmetic, sam. 12	5 45
	10,000 " " geography	5 45
	10,000 " " civil government	5 45
	10,000 " " grammar	5 45
	10,000 " " history	5 45
	10,000 " " physiology	5 45
	10,000 " " reading and orthography	5 45
	10,000 " " suggestions, etc.	5 45
	1,000 " " spelling	95
	200 circulars, No. 4	70
	100 " " 6	60
	200 " " 8, copy ink	1 25
	3,000 examination, philosophy	1 95
	1,600 " " geometry	1 25
	1,600 " " general history	1 25
	3,000 " " grammar	1 95
	3,000 " " 3d grade	4 45
	3,000 " " theory and art, 3d grade	4 45
	3,000 " " " 1st and 2d grades	1 95
	3,000 " " civil government	1 95
	3,000 " " 2d grade	4 45
	3,000 " " geography, 1st and 2d grades	1 95
	3,000 " " 3d grade	4 45
	12,800 " " penmanship	6 75
	3,000 " " arithmetic, 1st and 2d grades	1 95
	3,000 " " 2d grade	4 45
	3,000 " " reading and orthography, 1st and 2d grades	1 95
	3,000 " " 3d grade	4 45
	3,000 " " history, 1st and 2d grades	1 95
	3,000 " " 3d grade	4 45
	3,000 " " physiology and hygiene, 1st and 2d grades	1 95
	3,000 " " 3d grade	4 45
	1,800 " " botany, sam. 12	1 25
	3,000 " " algebra, 2d grade, sam. 12	1 95
	400 " " list of words, sam. 12	65
	200 circulars, No. 8, sam. 12	70
Mar. 3	10,000 cards, blanks, No. 2, sam. 8	10 20
	200 circulars, No. 2, sam. 14	1 15
	200 vouchers, " 9, " 25	1 12
	400 blanks, " 11, " 10	6 35
	500 receipts, " 12, " 25	1 48
	200 institute circulars for Ottawa county, sam. 11	87
	100 " " " Roscommon and Crawford counties, sam 11	75
	250 " " " Ingham county, sam. 11	99
	250 " " " Calhoun " " 11	99
	100 " " " Gladwin " " 11	75
	250 " " " Allegan " " 11	99
	100 " " " Kalamazoo " " 11	75
	100 " " " Chippewa " " 11	75
	200 " " " Alpena " " 11	87
	500 vouchers, No. 10 sam. 25	1 48
	300 postal cards, receipt of report, sam. 24	1 35
	200 circulars, No. 14, sam. 13	70
	200 " " 13, copy ink, sam. 13	80
	Amount carried forward	\$1,039 00

Superintendent of Public Instruction vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$1,089 00
Apr. 10	Robert Smith & Co.,	
	For 2,000 questions civil government, 3d grade, sam. 12.....	1 95
	2,000 " physiology and hygiene, sam. 12.....	1 95
	3,000 " grammar, sam. 12.....	1 95
	3,000 " geography, sam. 12.....	1 95
	2,000 " penmanship, sam. 12.....	1 95
	2,000 " theory and art, sam. 12.....	1 95
	3,000 " arithmetic, sam. 12.....	1 95
	3,000 " history, sam. 12.....	1 95
	2,000 " reading and orthography, sam. 12.....	1 95
	400 list of words, sam. 12.....	65
	10,000 institute enrollment cards, sam. 8.....	10 20
	300 blanks No. 15, sam. 58.....	8 00
	300 " " 16, " 58.....	8 00
	200 institute circulars, Iosco county, sam. 11.....	87
	200 " " Clare " 11.....	87
	300 blanks, ruling only, 2 sides, sam. 37.....	90
	4,000 questions, physiology and hygiene, 3d grade, sam. 12.....	2 45
	4,000 " grammar, sam. 12.....	2 45
	4,000 " penmanship, sam. 12.....	2 45
	4,000 " geography, sam. 12.....	2 45
	4,000 " civil government, sam. 12.....	2 45
	4,000 " reading and orthography, sam. 12.....	2 45
	4,000 " history, sam. 12.....	2 45
	4,000 " theory and art, sam. 12.....	2 45
	4,000 " arithmetic, sam. 12.....	2 45
	200 list of words, sam. 12.....	55
	100 circulars to school commissioners, sam. 18.....	60
	200 " Schoolcraft county, sam. 11.....	87
	10,000 institute enrollment cards, sam. 8.....	10 20
	400 list of words, spelling, sam. 12.....	65
	1,000 questions, arithmetic, sam. 12.....	95
	1,000 " civil government, sam. 12.....	95
	1,000 " geography, sam. 12.....	95
	1,000 " grammar, sam. 12.....	95
	1,000 " history, sam. 12.....	95
	1,000 " physiology, sam. 12.....	95
	1,000 " theory and art, sam. 12.....	95
	1,000 " reading and orthography, sam. 12.....	95
	1,000 " penmanship, sam. 12.....	95
	2,800 large envelopes, sam. 19.....	1 15
	2,700 " " No. 6 1/4, sam. 18.....	1 10
	500 institute certificate of membership, No. 11, sam. 10.....	2 00
	500 autographs, sam. 8.....	70
	800 institute certificate of membership, No. 11, sam. 10.....	2 85
	800 autographs, sam. 8.....	1 00
	1,208 institute certificate of membership, No. 11, sam. 10.....	2 87
	1,200 autographs, sam. 8.....	1 40
	7,500 certificate of membership, sam. 10.....	10 75
	7,500 autographs, sam. 8.....	7 70
	<i>Allowed May 31, 1898.</i>	
26	Robert Smith & Co.,	
	For 200 circulars, sam. 13.....	70
	200 " " No. 8, sam. 13.....	70
	100 " " 7, " 13.....	60
	480 blanks, S 2, " 56.....	9 60
	1,000 " report of visiting committee, sam. 25.....	2 08
	4,000 questions, arithmetic, sam. 12.....	2 45
	4,000 " civil government, sam. 12.....	2 45
	4,000 " geography, sam. 12.....	2 45
	4,000 " grammar, " 12.....	2 45
	4,000 " U. S. history, sam. 12.....	2 45
	4,000 " physiology, " 12.....	2 45
	4,000 " penmanship, " 12.....	2 45
	4,000 " reading and orthography, sam. 12.....	2 45
	400 " list of words, sam. 12.....	65
	4,000 " theory and art, sam. 12.....	2 45
	100 circulars, No. 17, sam. 13.....	60
	100 " " 18, " 13.....	60
	200 slips, sam. 8.....	40
	300 blanks for inst. enrollment books, 1st form, sam. 64.....	3 20
	200 " " " " " 64.....	3 20
	200 " " " " " 64.....	3 20
	200 covers for above, sam. 21.....	85
	Amount carried forward	\$1,198 99

Superintendent of Public Instruction vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
Apr. 26	Amount brought forward	\$1,198 99
	Robert Smith & Co.,	
	For 200 inst. circulars, Haron county, sam. 11	87
	100 " " Ogemaw county, " 11	75
	100 " " Osceola " " 11	75
	100 " " Newaygo " " 11	75
	500 covers enrollment and attendance books, sam. 21	1 80
	1,500 1st form blanks for above, sam. 64	5 80
	500 2d " " " 64	3 80
	100 circulars, No. 20, sam. 26	1 50
	4,000 questions, reading and orthography, sam. 12	2 45
	4,000 " list of words, sam. 12	2 45
	4,000 " arithmetic, " 12	2 45
	4,000 " grammar, " 12	2 45
	4,000 " geography, " 12	2 45
	4,000 " history, " 12	2 45
	4,000 " civil government, sam. 12	2 45
	4,000 " physiology, sam. 12	2 45
	500 postal cards, 2 sides, sam. 24	1 64
	150 institute circulars, " 14	1 15
	600 circulars, No. 21, " 13	1 10
	600 " 22, " 13	1 10
	alterations on copy as follows, viz.:	
	galley 1 to 9, reprint, 1 hour; galley 12 to 17, reprint, 1½ hours; page proof	
	signatures 13 and 14, 4¼ hours; page proof signatures 15 and 16, 3 hours;	
	10 hours @ 30c	3 00
23	10,000 envelopes, sam. 18	4 00
	5,000 " " 18	3 00
	200 list of school commissioners, sam. 25	1 24
	100 circulars, No. 6, sam. 12	60
	100 " " 7, " 14	60
	100 " " 25, " 14	1 05
	100 " " 26, " 14	1 00
	100 " " 25, copy ink, sam. 14	1 05
	1,500 blanks, reprint, graded school, sam. 27	3 85
	composition on 5,000 copies of report from page 1 to 240, 611,077 ems @ 27c.	164 99
	presswork, 680 tokens @ 15c	94 50
	<i>Allowed June 28, 1898.</i>	
June 9	Robert Smith & Co.,	
	For 5,000 mailing slips, sam. 8	5 80
	300 comr. school reports, sam. 53	2 13
	200 blanks, No. 26, sam. 54	3 10
	1,000 circulars, No. 27, sam. 27	1 50
	60 " Montmorency county, sam. 15	1 50
	150 " Muskegon " " 15	1 50
	100 " Antrim " " 15	1 50
	75 " Otsego " " 15	1 50
	150 " Monroe " " 15	1 50
	175 " St. Clair " " 15	1 50
	100 " Wexford " " 15	1 50
	275 " Branch " " 15	1 50
	250 " Berrien " " 15	1 50
	250 " Clinton " " 15	1 50
	50 " Leland " " 15	1 50
	200 " Montcalm " " 15	1 50
	300 " Lenawee " " 15	1 50
	300 " Lapeer " " 15	1 50
	300 " Eaton " " 15	1 50
	100 " Benzie " " 15	1 50
	300 " Livingston " " 15	1 50
	250 " St. Joseph " " 15	1 50
	250 " Tuscola " " 15	1 50
	225 " Kent " " 15	1 50
	50 " Lake " " 15	1 50
	50 " Leake " " 15	1 50
	150 " Macomb " " 15	1 50
	100 " Menominee " " 15	1 50
	125 " Midland " " 15	1 50
	75 " Missaukee " " 15	1 50
	400 " Oakland " " 15	1 50
	300 " Oceana " " 15	1 50
	175 " Shiawassee " " 15	1 50
	400 " Saginaw " " 15	1 50
20	Amount carried forward	\$1,522 96

Superintendent of Public Instruction vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
Jan. 24	Amount brought forward	\$583 58
	Robert Smith & Co.,	
	For making 44 blocks, sam. 47	40
	binding 400 teachers' 2d grade certificates	40 00
	perforating same, 20,000 sheets @ 40c	8 00
	binding 40 teachers' 2d grade certificates @ 12½c	5 00
	perforating same, 2,000 sheets @ 40c	80
	binding 200 teachers' special certificate @ 10c	20 00
	perforating same, 4,000 sheets @ 40c	1 60
	binding 40 teachers' 1st grade certificates @ 10c	4 00
	perforating same	20
	binding 96 registers of examinations @ 10c	9 60
	<i>Allowed March 29, 1898.</i>	
Feb. 2	Robert Smith & Co.,	
	For binding 96 registration examinations	9 60
	<i>Allowed April 26, 1898.</i>	
Apr. 3	Robert Smith & Co.,	
	For binding with covers 400 teachers' note books, manilla covers, sam. 11	11 00
	folding 300 blanks, No. 15, sam. 16	00
	300 16, " 16	00
	<i>Allowed May 31, 1898.</i>	
May 5	Robert Smith & Co.,	
	For binding with covers 438 enrollment and attendance books, sam. 13	1 15
	88 enrollment books, manilla covers, @ 3c	2 64
12	cutting manilla paper, 2 cuts, sam. 50	20
	paper, 4 cuts, sam. 50	40
	binding with covers 8,500 teachers' note books, sam. 11	23 38
	Total for binding	\$701 73
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
July 18	Theo. L. Backus,	
	For 1 10x12 1,000 page letter book, sam. 102	\$2 15
	5 M envelopes, sam. 201, @ \$1.32	6 10
May 26	A. M. Emery,	
	For 1 record	1 00
July 5	Ihling Bros. & Everard,	
	For 10 reams 17x22 24 lb. superfine @ 13¼c, sam. 22	32 40
	¼ dozen 5 oz. mucilage pots @ \$2.00, sam. 63	50
	¼ " extra brushes for same	30
	2 gross No. 11 Gluc. pens, sam. 38 E. @ \$1.50	3 00
May 13	41 reams 16x22 superfine, sam. 22, @ 13¼c	121 77
	<i>Allowed August 31, 1892.</i>	
Aug. 15	Theo. L. Backus,	
	For 5¼ lbs. twine, sam. 134, @ 20c	1 15
	6¼ " " 133, @ 10c	68
26	Ihling Bros. & Everard,	
	For 6 gross No. 11 rubber bands, sam. 60, @ 9c	54
19	1 " " 11 Glucinum pens, sam. N 38 E	1 50
	1 " " 1 Tadella pens, No. 8	1 25
	10 " " 16 rubber bands, sam. N 60	1 49
	1 " " 0000¼ rubber bands, sam. N 60	1 75
10	1 ream 24x36 60 lb. manilla paper @ 10c	6 00
	<i>Allowed September 28, 1892.</i>	
Sept. 1	Theo. L. Backus,	
	For 2 reams No. 50 Fawn cover paper, sam. 8, 100 lbs. @ 7c	7 00
17	Ihling Bros. & Everard,	
	For 1 gross No. 7 Gluc. pens, sam. 38 E	1 50
	1 " " 13 " " 38 E	1 50
	<i>Allowed October 28, 1892.</i>	
Sept. 23	Ihling Bros. & Everard,	
	For 10 reams 17x22 24 lb superfine at 13¼, sam. 22	32 40
Oct. 14	Theo. L. Backus,	
	For 1 10x12 1,000 page copy books, sam. 102, \$3.15	6 45
	1 dozen No. 4 Shannon binding cases	4 50
	Amount carried forward	\$234 84

Superintendent of Public Instruction vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$294 84
Oct. 14	Theo. L. Backus.	
	For 1,000 No. 783-10 envelopes, sam. 214	2 35
	" " 783-11	2 35
22	1 24-inch box wood rule, brass edge	75
	1-6 dozen ruling pins, sam. 118 at \$6.00	1 00
	<i>Allowed November 30, 1892.</i>	
25	Ihling Bros. & Everard,	
	For 1 ream 24x36 40 lb manilla paper @ 7c, sam. 4	2 80
	" " 50 lb	3 50
	" " 120 lb blotting paper @ 8c, sam. 2	4 80
31	" " 28 lb royal O. B. S. 25 @ 16c	2 24
	" " 24 lb folio	7 68
	" " lithographing 4,000 letter heads @ \$3	12 00
	" " " 2,000 note	5 00
	" " " ruling 2,000 letter heads	80
	" " " blocking 2,000 letter heads, 44	80
	<i>Allowed December 26, 1892.</i>	
Dec. 12	Robert Smith & Co.,	
	For 100 postal cards, sam. 24	1 00
	<i>Allowed January 25, 1893.</i>	
Jan. 3	A. M. Emery,	
	For 1 dozen pen holders, 75c; 9th 1 dozen pen holders, 75c	1 50
	" " paper weights, item 83a	1 50
	<i>Allowed February 23, 1893.</i>	
Jan. 21	Ihling Bros. & Everard,	
	For 2 reams manilla paper, 24x36, 50lb, @ 7c	7 00
	" " O. B. folio, 17x22, 24lb, @ 16c	15 36
	" " Weston paper, 18x23, 36lb, @ 24c	17 28
	" " " 16x21, 28lb, @ 24c	13 44
	" " Hornet linen, 17x23, 20lb, @ 25c	25 00
	" " Scotch ledger, 18x23, 36lb, @ 21c	15 12
	" " " 16x21, 28lb, @ 21c	5 88
	" " 5 gross 1/4-inch bands @ \$1.75	8 75
	" " " 1/4-inch	4 40
Jan. 9	1-6 " lead pencils @ \$10	1 67
	1 pound erasers	90
	1/2 dozen steel erasers @ \$2.50	1 25
	1 Reid copy holder	2 50
	2 dozen stenographers' note books @ \$1.20	2 40
Feb. 3	3 reams 16lb O. B. legal, @ 22c	10 56
	<i>Allowed March 29, 1893.</i>	
Feb. 25	Ihling Bros. & Everard,	
	For 2 reams 17x22, 20lb Hornet linen @ 25c, sam. 24	10 00
	" " 19x24, 24lb	6 00
	" " lithographing 4 M letter heads @ \$3	12 00
	" " blocking 3 M letter heads, 20 blocks @ 2c	40
	" " lithographing 4 M note heads @ \$2.50	10 00
	" " blocking 3 M note heads, 20 blocks @ 1c	20
	" " 2 reams 14x17, 18lb Superfine @ 13 1/4c, sam. 22	12 15
	" " " 10 " 16x21, 20lb	27 00
	" " " 5 " 14x17, 16lb	10 80
Mar. 15	Theo. L. Backus,	
	For 21 pounds No. 12 white linen twine @ 48c, sam. 152	10 08
Feb. 25	A. M. Emery,	
	For 2 dozen thumb tacks, 120, @ 25c	50
	1 bottle Carter's crimson, 55a	80
Mar. 3	1 Premier typewriter ribbon	75
7	1 dozen sheets Hill's blotting paper	50
11	3 blue copying S. P. ribbon @ \$1	3 00
21	frame	1 75
	2 dozen pencils, @ \$7 1/4c	75
	<i>Allowed April 26, 1893.</i>	
Mar. 30	Ihling Bros. & Everard,	
	For 4 1/2 reams, 24x36, 150lb manilla paper @ 7c, sam. 4	49 00
Apr. 17	A. M. Emery,	
	For 1 quire stencil paper	1 00
21	1 bottle typewriter oil	25
	Amount carried forward	\$578 96

Superintendent of Public Instruction vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$573 35
May 23	Ihling Bros. & Everard,	
	For 24 reams 16x21, 20lb Superfine @ 13¼c, sam. 23	64 80
	20 " 17x22, 24lb " @ 13¼c, " 23	64 80
	12 " 15¼x19½, 22lb Superfine @ 13¼c, sam. 23	35 64
	1-6 gross Faber's pencils @ \$4.40, sam. 30a	74
May 10	Theo. L. Backus,	
	For 10 M No. 6½ XX manilla envelopes @ 84c, sam. 184	8 40
3	10 pounds No. 6 Indico twine @ 20, sam. 184	2 00
	5 M No. 6½ white envelopes @ \$1.42, sam. 210	7 10
May 12	A. M. Emery,	
	For 1 rubber stamp	1 00
	1 S. P. typewriter ribbon	75
	<i>Allowed June 26, 1898.</i>	
June 9	Theo. L. Backus,	
	For 4 dozen thumb tacks @ 26c, sam. 120	1 04
	1 " pyramid pins, sam. 127	70
June 5	Ihling Bros. & Everard,	
12	For 12 reams 15¼x19½, 22lb Scotch ledger @ 21c, sam 23b	55 44
	8 gross No. 12 rubber bands @ 11c, sam. 60	38
	8 " " 16 " " @ 14c, " 60	42
	8 " " 18 " " @ 18c, " 60	54
	8 " " 31 " " @ 40c, " 60	1 20
	8 " " 33 " " @ 50c, " 60	1 50
	1½ " pencils @ \$3.50, sam. 31f	58
	1½ " " @ \$2.25, " 31e	37
	1½ " " assorted @ \$10, sam. 31b	5 00
	1 " No. G Glu. pens, sam. 88e	1 50
	1 " 120 Estabrook, sam. 38a	47
	Total for stationery	\$828 27
	RECAPITULATION.	
	General allowance	\$1,354 09
	Printing	1,720 46
	Binding	701 73
	Stationery	828 27
	Total allowance for Superintendent of Public Instruction	\$4,604 55

State Library vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Pay roll, library,	
	A. R. Locke, clerk law department	\$50 00
	A. G. Soper, messenger	50 00
	U. S. Express Co.,	
	For express, July 2 to 20	71
	American Express Co.,	
	For express, July 5 to 8	2 15
June 29	National Express Co.,	
	For express	90
July 20	R. L. Polk & Co.,	
	For 1 copy of Lansing city and Ingham county directory, 1892, as per contract ..	5 00
	<i>Allowed August 31, 1892.</i>	
	Pay roll,	
	Abiram G. Soper, messenger, 1 month	50 00
	Alfred R. Locke, clerk law department, 1 month	50 00
Aug. 10	Chicago & Grand Trunk Ry.,	
	For freight	32
	Seymour Foster,	
	For rent of P. O. drawer "A" for quarter ending Sept. 30	2 00
	American Express Co.,	
	For express, Aug. 2 to 17	3 45
2	National Express Co.,	
	For express received	30
23	Michigan Central Ry.,	
	For freight	82
	<i>Allowed September 23, 1892.</i>	
	Pay roll,	
	Abiram G. Soper, messenger, 1 month	50 00
	Alfred R. Locke, clerk law department, 1 month	50 00
	State library,	
	For postage	15 00
	National Express Co.,	
	For express, Aug. 23 and Sept. 8	2 54
	U. S. Express Co.,	
	For express, Sept. 9 and 20	50 68
	American Express Co.,	
	For express, Aug. 29 and Sept. 20	27 07
	<i>Allowed October 26, 1892.</i>	
	Pay roll,	
	Alfred R. Locke, clerk law department, 1 month	50 00
	Abiram G. Soper, messenger, 1 month	50 00
	U. S. Express Co.,	
	For express, Oct. 1 to 20	3 25
	<i>Allowed November 23, 1892.</i>	
	Pay roll,	
	A. G. Soper, messenger, 1 month	50 00
	A. R. Locke, clerk law department, 1 month	50 00
	State library,	
	For postage for November	10 00
	<i>Allowed December 23, 1892.</i>	
	Pay roll library,	
	A. G. Soper, messenger, 1 month	50 00
	A. R. Locke, clerk, law dept., 1 month	50 00
Dec. 23	State library,	
	For postage for January, 1893	20 00
Nov. 11	D. L. & N. B. R. Co.,	
	For freight received	26
Dec. 23	Seymour Foster, P. M.,	
	For rent of drawer "A" for library for quarter ending Dec. 31, 1892	2 00
	<i>Allowed January 25, 1893.</i>	
	State library pay roll,	
	For salaries for month of January, 1893:	
	Abiram Soper, messenger, 1 month	50 00
	Alfred R. Locke, clerk, 1 month	50 00
	Amount carried forward	\$846 45

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State Library vs. The State of Michigan.

GENERAL ALLOWANCE.

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GENERAL ALLOWANCE.

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State Library vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
Apr. 26	Amount brought forward	\$106 73
	Robert Smith & Co.,	
	For 400 blank headings, register, sam. 63	3 55
	1,000 circulars, letters, pamphlets, etc., sam. 13	1 50
	resetting same, 75c., paper for same, \$1.00	1 75
	1,000 envelopes, sam. 18	40
	<i>Allowed June 28, 1898.</i>	
June 26	Robert Smith & Co.,	
	For 500 librarian certificates, sam. 8	70
	paper for same	25
	1,000 receipts for books, sam. 8	1 20
	paper for same	50
	Total for printing	\$116 63
	BINDING.	
	<i>Allowed July 27, 1892.</i>	
July 8	Robert Smith & Co.,	
	For binding 4 catalogues, Astor Library, sam. 20	\$1 80
	" 1 Am. Notes and Queries, " 20	45
	" 1 Century Magazine, " 20	45
	" 1 Harpers " 20	45
	" 1 National " 20	45
	" 1 The Arena " 20	45
	" 1 H. P. Hist. Record, " 20	45
	" 1 E. I. Bulletin, " 20	45
	" 1 The Dial, " 21	55
	" 1 Can. Law Times, " 8	38
	" 1 Bank Report, " 8	37
	" 1 Cent. Law Journal, " 8	38
	" 1 Albany Law Journal, " 8	37
	" 1 Am. " Register, " 9	40
	" 1 Can. " Journal, " 9	40
	" 1 Law Journal, Rept. Queen's Bench, 1/2 calf	2 00
	" 1 " " " Privy Council, 1/2 "	1 50
	" 1 " " " Chancery, 1/2 "	1 50
	<i>Allowed August 31, 1892.</i>	
Aug. 2	Robert Smith & Co.,	
	For binding 1 Accession Record, pamphlets and unbound volumes, 1/2 roan, 6	
	qrs., sam. 40	1 50
	paging same, sam. 51	30
	<i>Allowed September 29, 1892.</i>	
Sept. 16	Robert Smith & Co.,	
	For binding 500 Reports with covers, sam. 11	1 38
	<i>Allowed October 26, 1892.</i>	
29	Robert Smith & Co.,	
	For binding 1 Bankers Magazine	45
	" 1 Eclectic "	45
	" 1 Lippincott "	45
	" 1 Blackwood "	45
	" 1 Scribner "	45
	" 1 N. American Review	45
	" 1 Educational "	45
	" 1 Contemp'y "	45
	" 1 Westminster "	45
	" 1 Andover "	45
	" 1 Quarterly "	45
	" 1 Edinburgh "	45
	" 1 report, Deaf and Dumb	45
	" 1 " School for Blind	45
	" 1 " Commissioner State Land Office	45
	" 1 " Reform School	45
	" 1 " Board of C. and C.	45
	" 1 " State Fisheries	45
	" 1 " Eastern Asylum	45
	" 1 " State Prison	45
	" 1 " Industrial Home for Girls	45
	Total for binding	\$25 03

State Library vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
Sept. 29	Amount brought forward	\$25 08
	Robert Smith & Co.,	
	For binding 1 report, State Public School	45
	" 1 " Northern Insane Asylum	45
	" 1 " House of correction, Ionia	45
	" 2 " Ohio State University	90
	" 1 " American School at Athens	45
	" 2 " Michigan Sanitary Convention	90
	" 2 catalogues of Southern books	90
	" 2 " books, Quarvitch	90
	" 1 minutes Michigan Synod	45
	" 1 convention P. E. church	45
	" 7 Physical Researches	3 15
	" 1 Federal Government	45
	" 1 Veto Power	45
	" 1 Journal American Meteorology	45
	" 1 " Franklin Institute	45
	" 1 Pub. Weekly	45
	" 1 American History	45
	" 1 Littell's Living Age	45
	" 1 Atlantic Monthly	45
	" 2 proceedings American Philosophy	90
	" 1 abstract, insane and deaf	45
	" 1 " jail report	45
	" 2 proceedings county agents, etc.	90
	" 1 United Service	45
	" 1 Nineteenth Century	45
	" 1 Book News	45
	" 1 Current Literature	45
	" 1 Western History Magazine	45
	" 1 United States Bureau of Labor	45
	" 1 Peach Yellows	45
	" 1 Higher Education, Michigan	45
	" 1 " Massachusetts	45
	" 1 " Ohio	45
	The above 1/4 roan and sam. 20.	
	binding 1 Minutes International American Convention, sam. 22	65
	" 2 Publishers' Circular, sam. 22	1 30
	" 1 The Critic, sam. 22	65
	" 1 Com. & Financial Chronicle, sam. 22	65
	" 1 Boston M. & S. Journal, sam. 21	55
	" 1 Albany Law Journal, sam. 8	38
	" 1 Central Law Journal, sam. 8	37
	" 1 Lansing Law Journal, sam. 18	1 15
	" 1 State Republican, sam. 18	1 15
	" 1 Detroit Free Press, January, etc., sam. 18	1 15
	" 1 " May and August, sam. 18	1 15
	" 1 " Tribune, January, etc., sam. 18	1 15
	" 1 Chicago Legal News, 1/4 calf, n. o. c.	2 50
Oct. 11	12 Detroit Evening News, as follows: January to June, 1887; July to December, 1887; January to June, 1888; July to December, 1888; January to June, 1889; July to December, 1889; January to April, 1890; May to August, 1890; September to December, 1890; January to April, 1891; May to August, 1891; September to December, 1891, 1/2 sheep, sam. 18	13 80
	<i>Allowed December 29, 1892.</i>	
Dec. 12	Robert Smith & Co.,	
	For binding Gen. Register, Russia backs and fronts, 5 qr.	2 15
	ruling same	1 00
	cutting and lettering index	75
	ruling index paper for same	25
	binding one Legislative Register, Russia back and front, 5 qr.	1 72
	ruling same	1 00
	cutting and lettering index	75
	ruling index paper for same	25
	paging same, sam. 51	48
	<i>Allowed January 25, 1893.</i>	
Jan. 18	Robert Smith & Co.,	
	For repairing, reweaving and placing back in old covers 9 Vols. Howell's State,	
	Vols. 1 to 2, 45c.	4 05
	same, 1 Poole's Index	45
	Amount carried forward	\$84 78

State Library vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
Feb. 8	Amount brought forward	\$84 73
	Robert Smith & Co.,	
9	For cutting paper, 3 cuts, sam. 50.....	30
	furnishing leather and making labels and embossing in gold 500 labels, Michigan State Law Library, @ 2c.....	10 00
	<i>Allowed April 26, 1893.</i>	
Apr. 14	Robert Smith & Co.,	
	For binding Register, Russia ends and backs, 5 qrs., sam. 28.....	3 75
	<i>Allowed May 31, 1893.</i>	
24	Robert Smith & Co.,	
May 9	For cutting blotting paper, 3 cuts, sam. 50.....	80
18	" paper, 4 cuts, sam. 50.....	40
	binding 2 Queens Bench, sam. 9.....	80
	" 1 Appeal Cases, " 9.....	40
	" 1 Probate Law Report, " 9.....	40
	" 4 Chancery Law Report, " 9.....	1 60
	" 1 set Law Review, " 9.....	40
	" 1 American Law Register, " 9.....	40
	" 1 Criminal Law Magazine, " 9.....	40
	" 1 Cox May Cases, " 9.....	40
	" 1 Cent. Law Journal, " 9.....	40
	" 1 Cornell University, " 20.....	45
	" 1 " " No. 321, sam. 20.....	45
	" 1 " " Report, " 20.....	45
	" 1 " " Lib. Bull. " 20.....	45
	" 2 " " Register, " 20.....	90
	" 1 " " Opening, " 21.....	55
	" 1 U. S. Statement Abstract, " 20.....	45
	" 1 Bureau of Statistics, " 20.....	45
	" 1 Ithaca and its Resources, " 20.....	45
	" 1 New South Wales, " 20.....	45
	" 1 Tariff Controversy, " 20.....	45
	" 1 Gen. Washington Invent., " 20.....	45
	" 1 California and Nevada, " 21.....	55
	" 1 Indians, Six Nations, " 21.....	55
	" 1 Smithsonian Constitution, " 22.....	65
	" 1 Publication, Oneida, " 20.....	45
	" 1 " Buffalo, " 20.....	45
	" 1 Public Opinion, " 22.....	65
	" 1 Littell's Living Age, " 20.....	45
	" 1 University of Michigan Calendar, " 20.....	45
	" 1 " Extension, " 20.....	45
	" 1 The Arena, " 20.....	45
	" 1 Senate Journal, N. J.	12
	" 1 House " " ".....	12
	" 1 Religious Liberty, sam. 30.....	45
	" 1 Letter Rev. N. Hobart, " 20.....	45
	" 1 The Inlander, " 20.....	45
	" 1 National Magazine, " 20.....	45
	" 1 N. E. Magazine, " 20.....	45
	" 1 Dedham History Register, " 20.....	45
	" 1 Book News, " 21.....	55
	" 1 Cosmopolitan, " 20.....	45
	" 1 The Forum, " 20.....	45
	" 1 Cent. Magazine, " 20.....	45
	" 1 War of the Revolution, " 20.....	45
	" 2 Indian History, " 20.....	90
	repairing 1 Kent Com's, " 20.....	45
	" 1 Veveys Reports, " 20.....	45
	" 1 Dev. Kinnis, " 20.....	45
	" 1 Appeal Cases, " 20.....	45
	" 1 State Bureau of Labor, " 20.....	45
	" 1 World's Columbian Exposition, " 20.....	45
	Total for binding.....	\$125 14
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
26	A. M. Emery,	
	For men. book.....	\$0 25
	ink spout.....	25
	Amount carried forward	\$0 50

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
June 30	Amount brought forward	\$0 50
	Ihling Bros. & Everard, For lithographing 2 M. No. 9 envelopes at \$3.00.....	6 00
	<i>Allowed October 26, 1892.</i>	
Oct. 8	Ihling Bros. & Everard, For 1 gro. No. 9 King stub pens.....	1 00
	<i>Allowed February 22, 1893.</i>	
Jan. 27	Ihling Bros. & Everard, For 1 gross 048 Estb. pens.....	47
	1/2 gross Faber's pencils, No. 2, @ \$6.10.....	3 05
31	1 " No. 9, Geo. F. King's pens.....	3 05
	1 doz. San. Arabic mucilage.....	1 00
Feb. 11	3 gross No. 22 rubber bands, @ 45c.....	8 50
	3 " No. 000 1/4 " @ 75c.....	1 35
16	Theo. L. Backus, For 4 M. No. 6 1/2 gov. bond envelopes, @ \$2.85.....	2 25
3	1/4 lb. sponges.....	11 40
	27 lbs. 3 sizes twine, @ 20c.....	44
	1/4 doz. spools red tape, @ \$3.15.....	5 40
	<i>Allowed March 29, 1893.</i>	1 58
Mar. 13	Ihling Bros. & Everard, For 7 1/2 reams Hornet Liten. 24 lbs. royal, @ 25c, sam. 24.....	45 00
	lith. 8 M note heads, @ \$2.50.....	20 00
	blocking 8 M note heads, 80 blks.....	80
	<i>Allowed April 26, 1893.</i>	
Apr. 19	Ihling Bros. & Everard, For 1 ream Crane's typewriter paper, @ \$1.10, sam 145.....	1 10
	1 B. rubber erasers, sam. 38c.....	1 75
24	1/4 doz. Rogers' steel erasers, @ \$6.75, sam. 74.....	3 28
19	Theo. L. Backus, For 1 doz. No. 4 crown penholders, sam. 44.....	55
	A. M. Emery, For 13 lbs. blotting paper, item 1, sam. 14.....	1 82
	<i>Allowed May 31, 1893.</i>	
May 3	Theo. L. Backus, For 6 lbs No. 24 B. C. flax 20c, sam. 134.....	1 20
	7 lbs 6 Indick twine, 20c. " 134.....	1 40
	5-12 doz. 9 in. paper folders @ \$1.00, sam. 75.....	1 06
	<i>Allowed June 28, 1893.</i>	
June 28	F. A. Alexander, For 1 typewriter brush.....	2 25
5	A. M. Emery, For 6 quarts Sanford's fluid, \$4.25.....	2 18
	Total for stationery	\$129 03
	RECAPITULATION.	
	General allowance.....	\$1,576 51
	Printing.....	116 63
	Binding.....	125 14
	Stationery.....	129 03
	Total allowance for State Library	\$1,747 31

Commissioner of Insurance vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 19 to 23	J. A. McKnight, For expenses examining the affairs of the Northwestern Benevolent Society of Duluth, Minn., at Iron Mountain, Mich.: railroad fare from Lansing to Chicago	35 85
	" " " Chicago to Iron Mountain	8 32
	" " " Iron Mountain to Champion	2 20
	" " " Champion to Soo Junction	5 60
	" " " Soo Junction to St. Ignace	1 00
	boat " " St. Ignace to Mackinaw	50
	railroad " " Mackinaw to Bay City	5 40
	" " " Bay City to Lansing	2 15
	sleeper " " Milwaukee to Iron Mountain	2 00
	" " " Mackinaw to Bay City	1 50
	hotel bills, \$12.00; bus hire, \$2.00	14 00
11	expenses of trip to Saginaw, looking after illegal insurance: railroad fare	3 95
	hotel bill	1 25
16	expenses of trip to Detroit, looking after illegal insurance: railroad fare	5 10
	hotel bill	1 00
	Commissioner of Insurance, For postage for month of August	40 00
	United States Express Co., For express, June 28 to July 18	4 74
	Western Union Telegraph Co., For messages for June	3 39
	American Express Co., For express, July 1 to 22	7 85
	National Express Co., For express, June 24 to July 19	14 20
20	R. L. Polk & Co., For 1 copy Lansing City and Ingham County Directory, 1892, as per contract	5 00
<i>Allowed August 31, 1892.</i>		
Aug. 24 to 27	J. A. McKnight, For prosecuting parties for illegal insurance: hotel bill	10 00
	railroad fare to Ann Arbor and return	4 50
	hack	50
	Seymour Foster, For rent of P. O. drawer "F" for quarter ending Sept. 30	2 00
	American Express Co., For express July 29 to Aug. 27	2 74
	National Express Co., For express July 21 to Aug. 22	2 34
	Western Union Telegraph Co., For messages July 5 to 30	3 57
<i>Allowed September 28, 1892.</i>		
3	J. A. McKnight, For expenses incurred in looking up underground insurance: railroad fare to and from Charlotte	72
	hotel	50
17	railroad fare to and from Jackson	2 20
	hotel	2 50
	hack	50
19	railroad fare to and from Jackson	2 20
	hotel	2 50
	hack	50
Sept. 8 and 9	expenses incurred in the Backhart graveyard insurance case: telegrams	65
	railroad fare from Bay City to Ann Arbor and return	7 55
	hotel bills at Jackson and	3 50
19 and 20	expenses incurred in looking after underground insurance: railroad fare to and from Lewiston	11 50
	hotel bill	5 00
	Commissioner of Insurance, For postage for Sept.	25 00
	Amount carried forward	\$226 08

Commissioner of Insurance vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward.....	\$226 08
Sept. 14 and 22	National Express Co., For express Aug. 25 to Sept. 12.....	1 29
	American Express Co., For express.....	59
	<i>Allowed October 26, 1892.</i>	
Oct. 10	J. A. McKnight, For looking after underground insurance, railroad fare to and from West Branch hotel bill.....	6 28 1 00
11	H. D. Pugh, For expenses to Mason looking up evidence in case of unauthorized insurance, railroad fare 70c, hotel 50c.....	1 20
	American Express Co., For express Sept. 27 and 29.....	38
Sept. 27	National Express Co., For express.....	87
	Western Union Telegraph Co., For messages from Sept. 8 to 27.....	1 10
	Western Union Telegraph Co., For messages for August.....	1 52
	<i>Allowed November 29, 1892.</i>	
Nov. 15	H. D. Pugh, For procuring evidence in case of violation of insurance laws by unauthorized company, railroad fare Detroit and return.....	4 85 1 00
	<i>Allowed December 28, 1892.</i>	
Dec. 6	Commissioner of Insurance, For postage for October, November and December.....	75 00
	J. A. McKnight, For expenses incurred investigating underground insurance companies, "Amer- ican Lloyd's," railroad fare to and from Grand Rapids \$3.50, hotel bill \$1.50.....	5 00
26	Seymour Foster, postmaster, For rent of drawer "F," Insurance Department, for quarter ending December 31, 1892.....	2 00
	Western Union Telegraph Company, For messages from Nov. 2, to 26, inclusive.....	2 84
	<i>Allowed January 25, 1893.</i>	
Jan. 9	J. A. McKnight, For expenses incurred in the appointment of a receiver for the Farmers' Mutual Fire Insurance Co., of Otsego, Crawford and Roscommon counties, railroad fare to and from Gaylord via Bay City.....	9 80 6 00
	hotel bill.....	
	Western Union Telegraph Company, For messages from Dec. 8 to 30 inclusive.....	4 25
	United States Express Co., For express from Sept. 17, 1892, to Jan. 18, 1893 inclusive.....	77
	American Express Co., For express from Oct. 25, 1892, to Jan. 18, 1893, inclusive.....	1 25
	Joseph Patterson, For publication of advertising in application of a receiver for the Farmers' Mutual Fire Insurance Company, of Otsego, Crawford and Roscommon coun- ties, State of Michigan, four folios three times.....	5 80
	<i>Allowed February 23, 1893.</i>	
Feb. 10	Commissioner of Insurance, For postage for month of March, 1893.....	50 00
	Seymour Foster, P. M., For rent of drawer "F" for quarter ending March 31, 1893.....	2 00
Jan. 23	National Express Company, For express received.....	50
Feb. 3		50
Jan. 26	J. A. McKnight, For expenses incurred investigating, unauthorized insurance, at Grand Rapids: railroad fare.....	3 90 4 00
	hotel bill.....	
28	Crotty Bros., For repairs on two model daters.....	3 00
	Western Union Telegraph Co., For messages from January 10, 1893, to January 30, inclusive.....	77
	Amount carried forward.....	\$423 12

Date.	Items.	Amount.
	<i>Allowed February 28, 1893.</i>	
Jan. 28	Amount brought forward	\$433 12
	American Express Co., For express from January 23, 1893 to February 11, 1893, inclusive.....	3 50
	<i>Allowed March 28, 1893.</i>	
Nov. 2	Detroit Free Press Co., For ad. legal, authority revocation, 35 L., wed., 4 T.....	16 80
	American Express Co., For express from February 21 to March 18, 1893, inclusive.....	2 96
	Western Union Telegraph Co., For messages from February 1 to 27, 1893, inclusive.....	4 39
	<i>Allowed April 26, 1893.</i>	
April 17 and 18	J. A. McKnight, For expenses incurred investigating illegal insurance: railroad fare to and from Grand Rapids.....	2 80
	hotel bill	3 00
	hack fare	25
	Commissioner of Insurance, For postage, March, April and May.....	75 00
	Western Union Telegraph Co., For messages from March 8 to 24, 1893, inclusive.....	1 22
	<i>Allowed May 31, 1893.</i>	
26	J. A. McKnight, For expenses incurred in case of People vs. Burkhart: railroad fare to and from Ann Arbor.....	4 40
	hotel bill	7 50
	hack	50
	Western Union Telegraph Co., For message, April 28, 1893.....	25
May 26	L. E. Bowley, P. M., For rent for Drawer F for quarter ending June 30, 1893.....	2 00
	<i>Allowed June 28, 1893.</i>	
June 10	R. L. Polk & Co., For 1 copy Michigan Gazetteer, 1893-4.....	5 00
16	Commissioner of Insurance, For postage for month of June.....	50 00
28	" " July.....	50 00
	Western Union Telegraph Co., For messages from May 2 to 27, 1893, inclusive.....	8 16
	American Express Co., For express from June 9 to 23, 1893, inclusive.....	50 00
	United States Express Co., For express from February 3 to June 16, 1893, inclusive.....	2 25
	National Express Co., For express from June 14 to 19, 1893, inclusive.....	9 75
	Total for general allowance.....	\$724 70
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 5	Robert Smith & Co., For 1,920 letter heads, Insurance Bureau, sam. 50.....	\$1 80
	1,920 " " " " and Commissioner's name, sam. 50.....	1 80
19	composition on 3,300 copies of Report from Context I to XXXVIII and page 209 to 244, 520,699 ems @ 27c.....	139 58
	presswork, 140 tokens @ 15c.....	21 00
8	alterations on report as follows: galleys 1 to 78, 16½ hours @ 30c.....	4 95
	table 1 to 15, 4½ hours @ 30c.....	1 35
	<i>Allowed August 31, 1892.</i>	
27	Robert Smith & Co., For 200 form 4, 1889, copy ink, sam. 14.....	1 25
Aug. 16	100 criminal warrants, sam. 29.....	2 00
	<i>Allowed September 28, 1892.</i>	
Sept. 9	Robert Smith & Co., For 250 descriptions of all policies, sam. 63.....	2 20
14	227 blank descriptions of all policies, sam. 63.....	3 20
	Amount carried forward	\$190 13

Commissioner of Insurance vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Dec. 12	Amount brought forward	\$180 13
	Robert Smith & Co.,	
	For 400 circulars and statements, sam. 14	1 45
	200 " notices visiting, copy, ink, sam. 14	1 15
	200 " Ohio F. F. Insurance Co., " 14	1 15
	120 " Mutual Insurance Co., " 14	1 15
	800 " list of agents, " 87	2 75
	100 " " official directors, " 54	2 00
	200 " renewals, Rockford, " 29	2 15
	<i>Allowed January 25, 1893.</i>	
Jan. 16	Robert Smith & Co.,	
	For 200 balance sheets, 1st form, sam. 72	10 00
	200 " " 2d " " 72	10 00
	200 working blanks, " 72	10 00
	paper for same	1 00
	100 certificates of authority, sam. 29	2 00
	200 " " certified copy, sam. 29	2 15
	200 renewal certificates, sam. 29	2 15
	100 mortgage affidavit, " 17	1 50
	250 renewals, Phoenix, " 29	2 30
	<i>Allowed February 23, 1893.</i>	
26	Robert Smith & Co.,	
	For 150 statements Standard Life, sam. 15	1 65
	175 renewals, Westchester, " 29	2 15
	100 Cooperative Live Stock, " 29	2 00
	50 working blank list of insurance company, 1st sheet, " 38	2 50
	50 " " " 2d " " 38	2 50
	50 " " " " 3d. " 38	2 50
	60 renewals cooper, " 29	2 50
	140 Milwaukee Mechanics', " 29	2 15
	50 American Fire, " 29	2 00
	130 Security, " 29	2 15
	75 Renewals American Central, " 29	2 00
	50 " Buffalo German, " 29	2 00
	50 " Merchants' Fire, " 29	2 00
	50 " Equitable Marine, " 29	2 00
	80 " Franklin Fire, " 29	2 00
	130 N. W. National, " 29	2 15
	1,200 letter heads, " 25	1 80
	200 lists of companies doing business in Michigan, " 25	1 12
Feb. 19	200 blanks for book of renewals, " 29	2 80
	200 renewals, Rockford, Ill., " 29	2 15
	200 " " " " " 29	2 15
	200 " " " " " 29	2 15
10	150 " " " " " 29	2 15
	50 " " " " " 29	2 00
	150 " " " " " 29	2 15
	300 " " " " " 29	2 80
	100 " " " " " 29	2 00
	150 " " " " " 29	2 15
	125 " " " " " 29	2 15
	50 " " " " " 29	2 00
	200 " " " " " 29	2 15
	150 " " " " " 29	2 15
	300 " " " " " 29	2 80
	50 " " " " " 29	2 00
	75 " " " " " 29	2 00
	100 " " " " " 29	2 00
	50 " " " " " 29	2 00
	50 " " " " " 29	2 00
	250 " " " " " 29	2 80
	140 " " " " " 29	2 15
	200 " " " " " 29	2 15
	800 " " " " " 29	2 80
Feb. 13	150 " " " " " 29	2 15
	100 " " " " " 29	2 00
	175 " " " " " 29	2 15
	175 " " " " " 29	2 15
	200 " " " " " 29	2 15
	200 " " " " " 29	2 15
	125 " " " " " 29	2 15
	235 " " " " " 29	2 30
	Amount carried forward	\$338 40

Commissioner of Insurance vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$338 40
Feb. 13	Robert Smith & Co.,	
	For 125 renewals London & Liverpool Fire, sam. 29	2 15
	75 " Hamburg & Bremen, " 29	2 00
	125 " Western Assurance, " 29	2 15
	75 " Imperial, " 29	2 00
	50 " Mechanics, " 29	2 00
	150 " Queen of American, " 29	2 15
	150 " Phoenix, " 29	2 15
	150 " Northern, " 29	2 15
	50 " Mercantile F. & M., " 29	2 00
	75 " Agricultural, " 29	2 00
	175 " Oriental, " 29	2 15
	125 " Concordia, " 29	2 15
	250 " State I. & Ins. Co., " 29	2 30
	75 " Imperial, " 29	2 00
	50 " Palatine, " 29	2 00
	75 " United States L., " 29	2 00
	250 " Ins. Co. of North America, " 29	2 30
	150 " Penn. F. & Ins. Co., " 29	2 15
	60 " Providence Washington, " 29	2 00
	250 " Niagara Fire, " 29	2 30
	<i>Allowed March 29, 1898.</i>	
Feb. 21	Robert Smith & Co.,	
	For 75 Imperial Insurance Co., sam. 29	2 00
	50 Palatine, " 29	2 00
	250 National Fire, " 29	2 30
27	50 Glen Falls, " 29	2 00
	175 F. A. of Philadelphia, " 29	2 15
	125 Eureka F. & M., " 29	2 15
	125 Security, " 29	2 15
	50 Union of Philadelphia, " 29	2 00
	250 American Fire, " 29	2 30
	50 Rochester German, " 29	2 00
	25 New Hampshire, " 29	2 00
	100 American Fire of New York, " 29	2 00
	50 American Insurance Co., Mass., " 29	2 00
	75 Girard Fire & Marine, " 29	2 00
	125 Norwich Union Fire, " 29	2 15
	250 Commercial Union Fire Co., " 29	2 30
	250 Sun Insurance Office, London, " 29	2 30
	125 London A. Corporations, " 29	2 15
	150 Lancashire Insurance Co., " 29	2 15
	150 Royal Insurance Co., " 29	2 15
	30 Lion Fire Insurance Co., " 29	2 00
	30 Scottish Union, " 29	2 00
	40 Palatine, " 29	2 00
	60 Citizens Insurance Co., " 29	2 00
	80 Oakland Home, " 29	2 00
	140 Royston Insurance Co., " 29	2 15
	80 Pacific Fire, " 29	2 00
	100 Farmers Fire, " 29	2 00
	75 Greenwich, " 29	2 00
	75 Citizens, " 29	2 00
	50 Insurance Co. of Pennsylvania, " 29	2 00
	50 Delaware Insurance Co., " 29	2 00
	200 Manchester Fire, " 29	2 15
	100 Orient, " 29	2 00
	150 German Fire, " 29	2 15
	100 Franklin, " 29	2 00
	100 circular letters, accident, etc., " 14	1 00
	100 " cooperative life, etc., sam. 14	1 00
	100 valuation of policies, sam. 29	1 75
	paper for same	25
	300 recapitulation fire risks, sam. 45	1 30
	alteration on copy as follows, viz.: galleys 1 to 4, report, 1½ hours, @ 30c	45
	200 certificates of authority, sam. 29	2 15
	60 Citizens, Pittsburg, " 29	2 00
	160 Germania, New York, " 29	2 15
	50 Bowery, New York, " 29	2 00
	50 Union, Maine, " 29	2 00
	composition on 1,500 copies of report, from page 1 to 10, 91,409 ems, @ 27c	24 63
	presswork, 14 tokens, @ 15c	2 10
	Amount carried forward	\$496 03

Commissioner of Insurance vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
Feb. 27	Amount brought forward	\$498 08
	Robert Smith & Co.,	
	For composition on 1,500 copies of abstract of life insurance from page 1 to 9,	
	81,841 ems @ 27c	22 10
	presswork, 14 tokens @ 15c	2 10
	composition on 3,600 copies of Fire Insurance Report, from page 1 to 96,	
	714,041 ems at 27c	192 79
Apr. 10	presswork, 180 tokens @ 15c	27 00
	200 authority Travelers, sam. 29	2 15
	100 " Standard Life & Accident, sam. 29	2 00
	100 " N. Y. Plate Glass, " 29	2 00
	200 renewals, Norwich Union Fire, " 29	2 15
	150 " Lancashire, " 29	2 15
	50 " Reading Fire, " 29	2 00
	75 " Guarantee Co. of N. A. " 29	2 00
	300 statements Mutual Fire Insurance Co., sam. 22	5 30
	50 renewals, Newark Fire, " 29	2 00
	30 " Fireman's Insurance Co., " 29	2 00
	50 " People's Fire, " 29	2 00
	50 " M. & M., " 29	2 00
	50 " Merchant's Fire, " 29	2 00
	4000 large envelopes, sam. 19	2 00
	8500 small " " 18	1 40
13	50 renewals, Equitable Fire & Marine, sam. 29	2 00
	50 " Delaware Insurance Co. " 29	2 00
	500 errata slips, sam. 8	70
17	alteration on copy as follows, viz.: galley 1 to 5, 1½ hours; 6 to 12, 1½ hours, 3 hours @ 30c	90
	<i>Allowed May 31, 1893.</i>	
Apr. 26,	Robert Smith & Co.,	
	For 150 blanks, annual statement, 1st form, sam. 72	10 00
	150 " " 2d " " 72	10 00
	1,500 covers, preliminary report life and casualty, sam. 21	2 80
	40 renewal blanks, sam. 29	2 00
	50 Michigan Standard policy, sam. 32	6 00
	1,000 address blanks, sam. 8	1 20
	1,000 letter heads, " 50	90
	100 list of companies insuring farm property, sam. 35	2 50
	1,000 covers, laws life and casualty, sam. 21	2 05
17	alterations on copy as follows, viz.: Galleys 7 to 50, 4½ hours; galleys 51 to 59, 1 hour; galleys 130 to 189, 1½ hours; galleys 1 to 12, text and table, 2½ hours; galley proof, 5 hours; 15½ hours @ 30c	4 65
23	composition on 3,600 copies of report from page 97 to 432, 2,513,656 ems @ 27c	680 04
	presswork, 680 tokens @ 15c	94 50
	<i>Allowed June 28, 1893.</i>	
June 20	Robert Smith & Co.,	
	For composition on 1,500 copies of Life, Casualty, Fire and Marine Insurance Laws, 1893, from page 1 to 10, 23,899 ems @ 24c	45 73
	presswork, 14 tokens @ 15c	2 10
	composition on 1,000 copies of Life and Casualty Laws, 36 pages, 85,470 ems @ 24c	20 51
	2 pages other matter, 12,448 ems @ 27c	3 36
	presswork, 25 tokens @ 15c	3 75
	composition on 3,600 copies of Fire Insurance Report from page 433 to 447, and context I to LXXIX, 809,576 ems @ 27c	218 53
	presswork, 128 tokens @ 15c	27 00
	composition on 3,600 copies of Life Reports from page 1 to 208, and context IX to XXXIX, 1,812,701 ems @ 27c	489 43
	presswork, 450 tokens @ 15c	67 50
9	1,000 letter heads, sam. 50	90
	1,500 leaflets Public Acts, No. 1,011,893, sam. 25	2 68
	2,000 blank wrappers, sam. 20	2 00
19	alteration on copy of report as follows, viz., galleys 1 to 41, 8½ hours; galleys 1 to 8, 1½ hours, on table; 10 hours @ 30	3 00
20	2,000 comp. slips, sam. 8	2 20
	800 errata " 8	1 00
	800 ¼ note circulars, sam. 13	1 30
	1,500 gummed slips, sam. 8	1 78
	Total for printing	\$2,450 10

Commissioner of Insurance vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 1	Robert Smith & Co.,	
	For blocking 80 letter heads, sam. 47	30 40
12	binding 1,158 reports, Part 2, 1892, cloth, sam. 4	115 30
	" 41 " " 1 and 2, 1892, cloth, sam. 5	4 92
	" 10 " " 1 " 2, full sheep, " 9	4 00
<i>Allowed October 26, 1892.</i>		
Oct. 3	Robert Smith & Co.,	
	For binding 1 vol. letters A to H, 1891, 1/2 roan, 28 qrs., sam. 43	2 24
	cutting index in same	25
	binding 1 vol. letters, I to Z, 1891, 1/2 roan, 21 qrs., sam. 48	1 68
	cutting index in same	25
	binding 1 vol. letters, A to Z, 1892, 1/2 roan, 24 qrs., sam. 48	1 92
	cutting index in same	25
17	making 24 file boxes, extra front, extra size, 209 cubic inches sam. 45	7 30
	extra for extra size	75
	24 rings 2c	48
<i>Allowed December 28, 1892.</i>		
Dec. 1	Robert Smith & Co.,	
	For recovering 117 mailing tubes, @ 1 1/2c	1 76
	furnishing stock and making 202 mailing tubes, @ 4c	8 08
<i>Allowed January 25, 1893.</i>		
Jan. 2	Robert Smith & Co.,	
	For folding and stitching 2,000 annual statements	1 50
10	" 200 life insurance blanks, sam. 18	06
	making 52 blocks, sam. 48	52
<i>Allowed February 23, 1893.</i>		
Feb. 3	Robert Smith & Co.,	
	For blocking 10 letter heads, sam. 47	20
	folding 200 circulars, sam. 18	06
6	binding 1 foreign fire insurance book, 1/4 russias, 7 qrs., sam. 39	1 28
	ruling index for same	25
	cutting and lettering index	25
	lettering vol. 1 on insurance book, sam 52	10
<i>Allowed March 29, 1893.</i>		
24	Robert Smith & Co.,	
	For binding without covers 1,500 annual reports, 1892, sam. 13	3 45
	pasting 1,500 1/4 sheets in same, sam. 54	1 50
Mar. 8	binding 1 stock casualty book, 1/4 Russia, 5 quires, sam. 39	90
	paper for index and ruling same	50
	cutting index in same, 50c; paging, 18c	68
<i>Allowed April 26, 1893.</i>		
Apr. 3	Robert Smith & Co.,	
	For binding with covers 1,500 life and casualty reports, sam. 11	4 12
	pasting 1,500 1/4 sheets in same, sam. 54	1 50
<i>Allowed May 30, 1893.</i>		
24	Robert Smith & Co.,	
	For folding and stitching 150 copies of annual statement	1 50
May 5	making 10 blocks letter heads, sam. 47	20
18	blocking 18 " " " 47	36
<i>Allowed June 25, 1893.</i>		
June 7	Robert Smith & Co.,	
	For binding 1,000 life and casualty, sam. 11	2 75
	" 900 reports, part 1, fire and marine, sam. 4	90 00
	" with covers, 1,000 life, casualty, fire and marine reports, sam. 11	4 40
	" 535, part 1, fire and marine reports, sam. 4	53 50
	Total for binding	\$319 05
STATIONERY.		
<i>Allowed July 27, 1892.</i>		
May 21	A. M. Emery,	
	For index mem.	30 50
	erasers	25
	8 pencil sharpeners, @ 25c	75
	1 gross pens	75
	Amount carried forward	\$2 25

Commissioner of Insurance vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward.....	\$2 25
Aug. 15	Theo. L. Backus,	
18	For 1 ream and 410 sheets 54 lbs B. W. Super Royal, @ \$20.00 ream	37 08
	Thling Bros. & Everard,	
	For 2 reams 24x36 60 lbs manilla paper, sam. 5, @ 10c.....	12 00
	<i>Allowed December 29, 1892.</i>	
Dec. 22	Thling Bros. & Everard,	
	For 10 reams superfine 14x17 18 lbs, sam. 22, @ 18½c.....	24 80
	2 " " 18x23 86 " " 22, @ 18½c.....	9 72
	<i>Allowed January 25, 1893.</i>	
Jan. 4	A. M. Emery,	
18	For 2 letter copying books, item 101, @ \$. 5.....	2 50
	¼ doz. pen holders, @ \$1.00.....	50
	2 steel ink erasers.....	1 05
	3 pencil erasers, sam. 10.....	80
	1 gross pens.....	75
	1 " ".....	1 00
	<i>Allowed February 23, 1893.</i>	
Feb. 21	Thling Bros. & Everard,	
11	For 5 reams 14x17 18 lb. superfine.....	12 15
	5 " 14x17 18 lb ".....	12 15
	<i>Allowed March 29, 1893.</i>	
20	A. M. Emery,	
	For 1 index memorandum.....	50
	<i>Allowed April 26, 1893.</i>	
Mar. 27	Theo. L. Backus,	
	For 5 M envelopes, @ \$1.30, sam. 209.....	6 50
	3 " " @ \$2.25, " 213.....	6 75
	1 " " " 214.....	2 35
	1 doz. pins, " 127.....	70
	1 " blue ribbons, " 118.....	2 00
	1 " red " 118.....	2 00
	1 M J. N. eyelets, " 96.....	86
Apr. 11	1 M A. L. " 95.....	1 00
5	A. M. Emery,	
	For ½ doz. Arnold's ink, item 51.....	2 38
	<i>Allowed May 31, 1893.</i>	
May 12	Thling Bros. & Everard,	
	For ½ gross Sib pencils, @ \$10.00, sam. 31 B.....	3 38
	½ " Am. " @ 4.40, " 31 D.....	1 47
	½ " Fabers " @ 6.10, " 31 A.....	2 03
	<i>Allowed June 28, 1893.</i>	
June 15	A. M. Emery,	
	For 1 record.....	2 00
	Total for stationery.....	\$149 12
	RECAPITULATION.	
	General allowance.....	\$724 70
	Printing.....	2,450 13
	Binding.....	819 05
	Stationery.....	149 12
	Total allowance for Commissioner of Insurance.....	\$3,642 97

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
June 28	Alfred Updike, For official traveling expenses:	
	breakfast at Niles	\$0 50
	dinner at Berrien Springs	50
	carriage to Berrien Center	50
	supper at Niles	50
30	dinner at Wayne	50
	carriage to make inspection	1 00
July 1	hotel at Detroit, \$1.50; street car, 10c	1 00
	dinner at Romulus	50
	supper at Wayne	50
2	dinner at Union City	50
5	breakfast at Milan	50
	dinner at Ann Arbor	50
7	" " Owosso	50
	supper at Saginaw	50
8	hotel "	1 50
	street car, 10c; supper at Durand, 50c	60
12	dinner and supper at Battle Creek	1 00
14	breakfast at Adrian	50
	dinner at Schoolcraft	50
	supper at Kalamazoo	50
18	breakfast, dinner and supper at Lawton	1 50
20	dinner at Howell	50
7	Robert Laughlin, For official traveling expenses:	
	hack to depot, 25c; supper, Bay City, 50c	75
	sleepers to Mackinaw	2 00
	breakfast	50
8	transfer boat, 50c; chair car to Marquette, 75c	1 25
	dinner at Marquette	50
9	hotel "	2 00
	bus, 25c; dinner on dining car, 75c	1 00
10	hotel Sault Ste. Marie, \$2.00; bus, 50c	2 50
	dinner on dining car	75
11	supper at Trout Lake	50
	sleepers, \$2.00, breakfast, Bay City, 50c	2 50
	carriage from depot	25
15	" to	25
	dinner and supper, Detroit	1 25
	street car, 20c, carriage from depot, 25c	45
	Telegraph and Telephone Construction Co., For rental of telephone from July 1 to October 1, 1892	10 00
	Michigan Bell Telephone Co., For messages, June 18 to 27	50
22	United States Express Co., For express	30
	Western Union Telegraph Company, For messages for June 7 to 25	16 96
	American Express Co., For express, June 30 to July 21	4 08
	National Express Co., For express, June 24 to July 18	2 02
	Geo. F. Cram, For 62 Michigan maps, @ 30c	18 60
<i>Allowed August 31, 1892.</i>		
27	Robt. Laughlin, For official traveling expenses:	
	carriage to depot	25
	dinner at Grand Rapids	75
	supper at Grand Rapids	50
	carriage from depot	25
30	annual inspection of lines in upper peninsula: carriage to depot	25
	bus to hotel, Bay City	4 50
Aug. 1	hotel at Bay City	4 50
	bus to depot	25
	Amount carried forward	\$92 08

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$92 06
Aug. 1	Robt. Laughlin,	
	For dinner at Grayling	50
	supper at Mackinaw	50
	transfer	50
	bus to hotel, Mackinac Island	50
2	hotel Mackinac	2 50
	bus to boat	50
	boat to St. Ignace	25
	dinner at Sanit Ste. Marie	50
	bus to and from hotel	50
	bus to hotel, Marquette	25
3	hotel at Marquette	2 50
	bus to depot	25
	dinner at Hancock	50
	supper at Houghton	50
	bus to and from hotel	50
4	hotel at Houghton	1 50
	dinner at Ontonagon	50
	bus to hotel Ironwood	25
5	hotel at Ironwood	2 25
	bus to depot	25
	dinner at Florence	50
	bus to hotel Escanaba	25
6	hotel at Escanaba	2 25
	bus to depot	25
	dinner at Nestoria	50
	bus to hotel Ironwood	25
	hotel at Ironwood	2 25
	bus to depot	25
	breakfast on dining car	75
	dinner and supper at Trout Lake	1 00
	transfer	50
8	hotel at Mackinac	1 50
	dinner at Traverse City	50
9	hotel at Grand Rapids	2 50
	dinner at Kalamazoo	75
	supper at Grand Rapids	50
	carriage from depot	25
15	inspection of C. & G. T. Ry.:	
	carriage to depot	25
	chair car to Detroit	25
16	hotel at Detroit	2 25
	bus to depot	25
	dinner at Battle Creek	50
	bus to hotel, Chicago	50
17	hotel at Chicago	3 00
	bus to depot	50
	dinner on dining car	75
	supper at Durand	50
18	hotel at Bay City	2 00
	dinner at Durand	50
	supper at Muskegon	50
	bus	25
19	hotel at Grand Haven	1 25
	dinner at Durand	50
	supper at Jackson	50
	carriage at Lansing	25
6	telegram to General Manager Underwood	63
	" " Superintendent Lindsey	41
	" " General Manager P. H. J. Hughart	49
July 28	Alfred Updike,	
	For official traveling expenses:	
	dinner at Port Huron	50
	supper at Durand	50
Aug. 1	dinner at Wasepa	50
2	hotel at Kalamazoo	1 50
	dinner at Hastings	50
	supper at Albion	50
5	dinner at Springport	50
	supper at Lowell	50
6	hotel at Grand Rapids, \$1.50, street car, 10c	1 60
9	" " Detroit, \$2.50, street car, 20c	2 70
10	" " Saginaw, \$1.50, street car, 10c	1 60
	Amount carried forward	\$149 34

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$149 34
Aug. 10	Alfred Updike,	
	For dinner at Bay City	50
11	hotel at East Tawas	1 50
	dinner at Alger	50
12	hotel at Bay City, \$1.50, street car, 15c	1 65
16	dinner at Grand Rapids	50
17	hotel at Traverse City	2 00
	dinner at Frankfort	50
18	hotel at Manistee	1 50
	dinner at Clare	50
	supper at Durand	50
24	dinner at Cassopolis	50
	supper at Battle Creek	50
	Seymour Foster,	
	For rent of P. O. drawer "G" for quarter ending Sept. 30	1 00
	Michigan Bell Telephone Co.,	
	For messages, July 7 to 26	50
	National Express Co.,	
	For express, July 29 to Aug. 13	47
	Western Union Telegraph Co.,	
	For messages, July 6 to 27	7 32
1	John R. Wood,	
	For one year's subscription to Michigan and Wisconsin Guide from Jan., 1892, to Dec., 1892	3 00
	Edward Thompson, Co.,	
	For 1 Am. and Eng. R. R. cases, Vol. 49	4 50
	<i>Allowed September 26, 1892.</i>	
30	Alfred Updike,	
	For hotel at Grand Rapids	2 00
	dinner at Muskegon	50
	street car	10
	supper at White Cloud	50
31	hotel at Ludington	1 50
	bus	25
	ferry at Butterville and return	20
Sept. 1	hotel at Manistee	1 50
	bus	25
2	dinner at Cadillac	50
July 1	hotel at Saginaw	1 50
	Charles R. Whitman,	
	For telegrams	1 00
26	breakfast at Grand Rapids	50
	supper	50
Aug. 6	telegram, Detroit	53
7	breakfast, Grand Rapids	50
	telegram	50
8	dinner and supper, Detroit, \$1.75; street cars, 20c	1 95
15	lodging and breakfast	1 50
17	telegrams	1 31
29	"	1 05
30	"	25
31	breakfast, Grand Rapids	50
	Bobt. Laughlin,	
	For official expenses, inspection of T. A. A. & N. M. Ry.: back to depot, 25c; chair car, Detroit, 25c	50
	supper at Detroit	50
Sept. 1	hotel at Toledo, \$1.50; street car, 10c	1 60
	dinner at Durand	50
	supper at Clare	50
8	hotel at Frankfort	3 00
	dinner at Clare	50
	supper at Durand	50
	telegram to Muskegon	57
	carriage from depot	25
10	to	25
	bus at Saginaw	25
	dinner and supper at Saginaw	1 00
	bus	25
	carriage from depot, Lansing	25
12	to	25
	chair car to Grand Rapids	25
18	hotel at Grand Rapids	2 25
	Amount carried forward	\$209 16

BOARD OF STATE AUDITORS.

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Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$209 16
Sept. 18	Robt. Laughlin,	
	For dinner at Bangor	50
	supper at La Porte	50
14	hotel at St. Joseph	1 50
	dinner at Grand Haven	75
15	hotel at White Cloud	2 25
	dinner at Traverse City	50
	supper at Bellaire	50
16	hotel at White Cloud	1 50
	dinner at Alma	50
	supper at Ionia	50
	telegram to Charlevoix	37
	carriage from depot	25
22	" to	25
	dinner at Grand Rapids	50
	supper at Jackson	50
	carriage from depot	25
24	inspection of the P. O. & N. R. R.:	
	carriage to depot	25
	breakfast at Durand	50
	bus at Pontiac	25
	dinner at Imlay City	50
	supper at Caseville	50
	bus at Imlay City	25
	carriage from depot	25
	National Express Co.,	
	For express, August 26 to September 22	72
	Western Union Telegraph Co.,	
	For messages for August	11 21
	American Express Co.,	
	For express, July 28 to September 16	2 94
	<i>Allowed October 26, 1892.</i>	
1	Charles R. Whitman,	
	For parlor car	1 00
	expenses, Traverse City	1 25
	telegram	25
27	"	25
Oct. 1	"	35
7	hotel expenses, Chicago (inspection)	6 00
	cabs	1 00
8	supper, Detroit	75
	street cars, 20c, telegram, 50c	70
17	telegram, 66c, telephone, 50c	1 16
24	telephone	25
Sept. 28	Robert Laughlin,	
	For inspection of the D., B. C. & Au Sable R. R.:	
	hack to depot	25
	chair car to Detroit	25
29	hotel at Detroit	2 25
	dinner at Metamora	50
30	hotel at Bay City	3 00
Oct. 1	" " McKinley	1 50
	dinner at Bay City	50
	bus at Bay City	50
	supper at Durand	50
	carriage from depot	25
3	inspection of F. & P. M. R. R.:	
	carriage to depot	25
	bus to hotel, Saginaw	25
4	hotel at Saginaw, \$1.50, street car, 5c	1 55
	dinner at Clare	50
	bus to hotel at Ludington	25
	hotel at Ludington	1 50
	dinner at Reed City	50
6	hotel at Saginaw, \$1.50, street car, 10c	1 60
	dinner at Almont	50
	bus at Sand Beach	25
7	hotel at Sand Beach	1 50
	dinner at Port Austin	50
8	hotel at Saginaw \$1.50, street car 5c	1 55
	bus to depot	25
	bus from depot at Lansing	25
	Amount carried forward	\$371 48

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$271 42
Oct. 11	Robert Laughlin,	
	For inspecting eastern division of F. & P. M. R. R.:	
12	hotel at Saginaw	1 50
	dinner at Monroe	50
	supper at Durand	50
	carriage from depot	25
18	" " to hotel, Saginaw	25
	breakfast and dinner	1 00
	supper at Durand	50
	carriage from depot	25
Sept. 29	Alfred Updike,	
	For hotel at Kalamazoo	1 50
	dinner at St. Joseph	50
30	hotel at Benton Harbor	1 50
	dinner at Niles	50
Oct. 4	hotel at Detroit \$2.00, street car 10c	2 10
5	" " Port Huron	1 00
	supper at Durand	50
6	dinner and supper at Owosso	1 00
7	hotel at Saginaw \$1.50, street car 10c	1 60
	supper at Flint	50
11	hotel at Detroit \$2.50, street car 10c	2 60
12	dinner and supper at Durand	1 00
14	" " Battle Creek	1 00
17	" " Bay City	1 00
	hotel at Mackinaw	1 50
	transfer	50
19	hotel at Marquette	2 00
	dinner at Calumet	50
20	hotel at Hancock	1 50
	dinner at Champion	50
21	hotel at Escanaba, \$2.00; bus, 25c	2 25
22	sleepers, " to Chicago	2 00
	breakfast at Chicago	50
	dinner at Niles	50
	street car fare in Lansing during month	25
	American Express Co.,	
	For express, Sept. 24 to Oct. 24	2 22
	National Express Co.,	
	For express, Sept. 27 and Oct. 6	29
	Michigan Bell Telephone Co.,	
	For messages for September	50
	Telegraph & Telephone Construction Co.,	
	For rent of telephone from October 1, 1892, to January 1, 1893	10 00
	Western Union Telegraph Co.,	
	For messages for September	1 63
	<i>Allowed November 29, 1892.</i>	
	Alfred Laughlin,	
	For street car, 20c; telegram, \$2c	52
	street car fare at Lansing during November	30
	<i>Allowed November 30, 1892.</i>	
	Edward Thompson Co.,	
	For 1 American and English railroad cases, vol. 50	4 50
	Geo. F. Cram,	
	For 100 Michigan wall maps	30 00
Nov. 8	Robert Laughlin,	
	For official expenses:	
	bus to depot	25
	hotel at Grand Rapids	2 25
9	dinner at Cadillac	50
17	supper at Durand	50
	carriage from depot	25
Oct. 26	Alfred Updike,	
	For official traveling expenses:	
	dinner and supper at Owosso	1 00
27	hotel at Grand Rapids, \$1.50, street car, 10c	1 60
	supper at White Cloud	50
28	hotel at Manistee	1 00
	bus, 25c, dinner at Copemish, 50c	75
	supper at Reed City	50
	Amount carried forward	\$363 70

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 30, 1892.</i>	
	Amount brought forward	\$363 79
Oct. 29	Alfred Updike,	
	For hotel at Grand Rapids	1 00
Nov. 9	dinner on dining car	75
	supper at Chicago	75
	sleeper to Ecanaba	2 50
10	breakfast at Marinette	50
	bus	25
11	hotel at Ecanaba	8 00
	sleeper at Chicago	2 50
12	breakfast at Chicago	75
	dinner at Niles	50
16	" " Hillsdale	50
18	" " Port Huron	50
	supper at Durand	80
22	dinner and supper at Port Huron	1 00
23	hotel at Detroit	1 50
	<i>Allowed December 28, 1892.</i>	
Dec. 3	Alfred Updike,	
	For Dinner at Cassopolis	50
	supper at Battle Creek	50
5	dinner at Niles	50
	supper at Chicago	50
6	sleeper, Chicago to Ironwood	2 50
	breakfast at Watersmeet	50
7	hotel at Ironwood	2 50
	supper at Watersmeet	50
	sleeper, Ironwood to Chicago	2 50
8	breakfast at Chicago	50
	dinner at Battle Creek	50
10	hotel at Jackson	1 00
	dinner at Tecumseh	50
22	dinner at Saginaw, 50c; supper at Durand, 50c	1 00
	street car at Saginaw	15
	street car	25
	J. E. Duffy,	
	For overtime in preparing annual report of Commissioner of Railroads, Nov. 3 to Dec. 22, 171½ hours at 50c	85 75
	Commissioner of Railroads,	
	For postage	25 00
5	Robt. Laughlin,	
	For official traveling expenses:	
	hack to depot 25c, dinner at Durand 50c	75
6	hotel at Mt. Pleasant \$2.00, supper at Durand 50c	2 50
	hack from depot	25
8	" to depot 25c, dinner and supper at Detroit \$1.25	1 50
	" from Depot	25
15	street car fare 5c, chair car to Detroit 25c	80
	dinner at Detroit	75
16	hotel at Goodison \$1.50, dinner at Detroit 75c	2 25
	hack from depot	25
	Robt. Laughlin,	
	For services as clerk of the Board of Railroad Crossings	25 00
Oct. 27	Chas. R. Whitman,	
	For telephone 25c; Nov. 9, telephone 25c; Nov. 10, telephone 25c	75
Nov. 10	dinner at Detroit 75c; Nov. 11, telephone 25c	1 00
14	supper at Jackson 50c, telephone 25	75
17	dinner and supper at Detroit	1 25
22	supper at Durand	1 75
	expenses Saginaw	1 75
Dec. 1	dinner and supper at Detroit \$1.25; Dec 3, telephone 50c	1 75
3	telegraph 65c; Dec. 5, dinner and supper at Detroit \$1.25	1 90
6	hack inspecting crossings in Lansing	1 00
7	telegrams 50c; Dec. 9, dinner and supper at Detroit \$1.25	1 75
10	25c; " 13, supper at Durand 50c	75
14	dinner and supper at Detroit \$1.25, street car fare 10	1 35
20	telegrams 25c; Dec. 17, telegrams 75c; Dec. 19, dinner \$1.00	2 00
21	supper at Jackson	50
	National Express Co.,	
	For express prepaid from Dec. 21, 1892, to Dec. 26 inclusive	47 14
26	Seymour Foster, postmaster,	
	For rent of drawer G, Commissioner of Railroads, for quarter ending Dec. 31, 1892	1 00
	Amount carried forward	\$604 38

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1897.</i>	
	Amount brought forward.....	\$604 35
Dec. 26	Western Union Telegraph Co., For messages from Nov. 1 to 28 inclusive.....	8 12
	Michigan Bell Telephone Company, For messages from Nov. 10 to Nov. 28, inclusive.....	60
	<i>Allowed January 25, 1898.</i>	
31	Rob't Laughlin, For official traveling expenses.....	
	back to depot, 25c; chair car to Grand Rapids, 25c.....	50
Jan. 2	hotel at Grand Rapids.....	3 50
	back from depot.....	25
10	to " 25c; dinner, Sunfield, 50c.....	75
Dec. 26	supper at Sunfield, 50c; back from depot, 25c.....	75
	Charles R. Whitman, For telegrams to Saginaw.....	3 22
Jan. 4	dinner at Detroit, \$1.00; street car fare, 10c.....	1 10
5	telephoning to Lansing.....	25
23	A. M. Emery, For 2 rubber stamps, signatures, item 151, @ \$1.25.....	2 50
Dec. 30	Alfred Updike, For hotel at Detroit.....	2 00
Jan. 4	dinner at Union City, 50c; supper at Jackson, 50c.....	1 00
9	hotel at Detroit, \$2.00; street car, 20c.....	2 20
17	S. R. Billings, For railroad fare to Battle Creek, 90c; back and dinner at do., \$1.00.....	1 90
19	back to depot, 25c; dinner at Greenville, 50c.....	75
	supper, 50c; chair car to Detroit, 25c; back, 25c.....	1 00
20	hotel at Detroit, \$2.00; street car, 10c; chair car to Flint, 25c.....	2 55
	Flint.....	1 50
	Western Union Telegraph Co., For messages from December 2 to December 30 inclusive.....	6 45
	United States Express Co., For express from November 30 to January 11 inclusive.....	10 81
	American Express Co., For express from November 28 to January 19 inclusive.....	114 35
	Michigan Bell Telephone Co., For messages from December 2 to 24 inclusive.....	85
	American Express Co., For express from January 19 to 20 inclusive.....	1 15
9	M. N. Forney, For subscription from January, 1898, to January, 1899, Engineering Journal.....	3 00
	The Railway Review, For subscription from July 11, 1892, to July 11, 1893.....	4 00
	Morley Brothers, For 1 only patent letter opener.....	2 50
	<i>Allowed February 23, 1898.</i>	
Feb. 15	S. R. Billings, For official traveling expenses: railroad fare from Lansing to Grand Rapids.....	1 95
	back at Grand Rapids.....	25
	hotel at Grand Rapids.....	2 50
	street car fare.....	1 95
	railroad fare, Grand Rapids to Lansing.....	25
23	telephoning.....	75
2	postage for Department of Commissioner of Railroads.....	25
	Robert Laughlin, For official traveling expenses: back, 25c; dinner at Saginaw, 50c.....	75
	bus to depot.....	50
7	supper at Durand.....	65
8	street car from depot at Lansing.....	4 55
	hotel at Detroit, \$2.00, railroad fare Detroit to Lansing, \$2.55.....	25
7	back from depot to Lansing.....	
	E. F. Moore, For official traveling expenses: railroad fare, Detroit to Howell Junction.....	1 35
	dinner at Howell Junction.....	50
8	railroad fare from Howell Junction to Lansing.....	1 00
10	" Lansing to Detroit, \$1.55, hotel bill, \$1.00.....	3 55
9	breakfast at Detroit, 50c, fare, Plymouth to Lansing, \$1.85.....	2 35
	" " " 50c, " to Romulus and return, \$1.14.....	1 64
	Amount carried forward.....	\$907 58

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$897 58
Feb. 9	E. F. Moore,	
	For dinner at Romulus, 50c; supper and lodging at Detroit, \$1.00	1 50
	" " South Lyons	50
14	railroad fare, Lansing to Saginaw	1 85
15	dinner at Port Huron, 50c; fare, Port Huron to Lansing, \$1.29	3 79
17	railroad fare, Howell Junction to Milan	1 30
	dinner at Milan	50
18	hotel bill at Detroit, \$1.50; dinner at South Lyons, 50c	2 00
	Seymour Foster, P. M.,	
	For rent of drawer G for Commissioner of Railroads, for quarter ending March 31, 1893	1 00
	National Express Co.,	
	For express from January 20 to February 13, 1893, inclusive	1 10
	Western Union Telegraph Co.,	
	For messages from January 7 to 21, 1893, inclusive	2 95
	American Express Co.,	
	For express from January 23, 1893, to February 18 inclusive	4 30
	Michigan Bell Telephone Co.,	
	For messages from January 5 to 12, 1893, inclusive	50
1	Alfred Updike,	
	For official traveling expenses:	
	railroad fare to Detroit	2 55
2	hotel bill, \$1.50; street car, 10c	1 00
	Detroit to Lansing	2 55
	The Railway Age,	
	For subscription from December 23, 1892, to December 23, 1893	4 00
	<i>Allowed March 23, 1893.</i>	
20	Geo. F. Lasher,	
	For 1 copy paper, Jan. Postal Guide at	2 00
Mar. 1	John B. Wood,	
	For one years' subscription Michigan and Wisconsin Guide, from Jan., 1893, to Dec., 3 copies	3 00
Feb. 24	E. F. Moore,	
	For official traveling expenses:	
27	dinner and supper at Howell	1 00
	fare to Owosso, 65c; hotel, \$1.00	1 65
	parlor car, 25c; supper, lodging and breakfast, Detroit, \$1.00	1 25
Mar. 1	hotel, Detroit	2 00
2	supper at Durand	50
4	breakfast, dinner and supper at Bay City	1 50
6	" at Saginaw, 50c; dinner at Owosso, 50c	1 00
7	parlor car to Grand Rapids, 25c; hotel, Grand Rapids, \$1.50	1 75
8	lodging and breakfast, Baldwin, \$1.00; dinner at Saginaw, 50c	1 50
9	supper at Toledo, 50c; breakfast at Toledo, 50c; hotel, Detroit, \$1.50	2 50
10	breakfast, Detroit, 50c; dinner at Brighton, 50c	1 00
12	fare to Jackson, \$1.10; hotel, \$1.50	2 60
14	dinner at Raisin Center, 50c; hotel, Adrian, \$1.50	2 00
15	dinner and supper at Battle Creek	1 30
16	hotel, Cassopolis, \$1.00; hotel, Nicholson, \$1.00	2 00
17	parlor car, Detroit, 25c; supper, lodging and breakfast, \$1.50	1 75
18	dinner, Toledo, 50c; supper, Durand, 50c	1 00
21	fare, Lansing to Owosso, 65c; hotel, Owosso, \$1.00	1 65
24	dinner, Albion, 50c; supper and lodging, Hillsdale, \$1.00	1 50
25	breakfast, Hillsdale, 50c; dinner, Milan, 50c; supper, Durand, 50c	1 50
27	hotel, Toledo	2 00
28	breakfast, Durand	50
Feb. 20	S. R. Billings,	
	For official traveling expenses: chair car	25
21	street car, 20c; chair car, 25c (Mar. 2); hotel bill, Detroit, \$2.50	2 95
Mar. 2	" " " 25c; hotel bill, Oxford, 50c; chair car, 25c	1 10
3	supper at Durand, 50c (Mar. 3); hotel at Flint, \$1.50	2 00
9	hotel, Detroit, \$1.00; street car, 10c; chair car, 25c	1 35
	car fare, Ypsilanti to Ann Arbor, 15 (10); hotel bill, Ann Arbor, \$1.50	1 65
10	chair car to Lansing, 25c; street car, 10c	35
21	street car, 5c; chair car, 25c, to Kalamazoo	30
	Hotel Kalamazoo, \$1.50; hack, 25c	1 75
22	Hotel Constantine	1 50
	hack fare, 50c; White Pigeon to Hillsdale, \$1.75	2 25
	telegram, 25c; chair car, 25c	50
23	hotel at Ann Arbor and Ypsilanti, \$2.00; supper at Durand, 50c	2 50
Feb. 21	" bill, Detroit	3 50
	Amount carried forward	\$998 67

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
Mar. 24	Amount brought forward	\$398 67
	Robt. McLaughlin,	
	For official traveling expenses:	
	bus, 25c; dinner at Sunfield, 50c	75
25	carriage, Kalamazoo	25
	hotel, \$1.00; carriage, 25c	1 25
	breakfast at Niles, 50c; bus, 25c	75
	livery, Berrien Springs and return	3 00
	dinner, self and team	1 00
	supper, Niles, 50c; bus, Battle Creek, 25c	75
	carriage, Lansing	25
	National Express Co.,	
	For express paid from February 23, 1893, to March 23 inclusive	2 08
	American Express Co.,	
	For express from February 23, 1893, to March 22 inclusive	3 76
	Western Union Telegraph Co.,	
	For messages from February 1 to 18, 1893, inclusive	3 26
	<i>Allowed April 26, 1893.</i>	
April 5	Edward Thompson Co.,	
	For 1 American and English Railroad Cases, vol. 51	4 50
May 1	National Railway Publishing Co.,	
	For 1 year's subscription to the Official Railway Guide, from May 1893, to April, 1894, inclusive	5 00
April 13	Eastman Kodak Co.,	
	For 1 No. 4 B. Tramp Film, 100 ex.	6 25
	postage	10
Mar. 30	Robert Langhlin,	
	For official traveling expenses:	
	hack to depot	25
31	street car fare at Saginaw	10
	hotel at Saginaw, E. S.	2 00
	street car at Lansing	06
	Simeon R. Billings,	
	For street car and chair car to Detroit	80
	dinner and supper at Detroit, \$1.00; street car, 10c	1 10
April 8	chair car to Flint, 25c; hotel, \$1.00	1 25
10	supper at Durand, 50c; chair car, 25c	75
	street car, 5c; chair car, 25c	80
11	hotel bill, Grand Rapids	2 25
	hack, 25c; hotel, Muskegon, 50c	75
12	" 25c; street car, 10c	35
	hotel, Grand Rapids, \$2.25; hack, 25c	2 50
	dinner at Middleville	50
	chair car, and street car, Lansing	30
	official expenses to and from Washington, to attend convention of State	
	Railroad Commissioners:	
14	hack, 25c; supper on train, 75c	1 00
	railroad fare and sleeper to Washington	16 00
	hotel at Washington	32 00
	return fare to Suspension Bridge	12 50
	sleeper from Washington to Port Huron	4 00
22	meals on train	3 00
	hack	2 25
15	breakfast, dinner and supper	2 25
18	" 75c; hack and street car fare, \$2.00	2 75
	Western Union Telegraph Co.,	
	For messages from March 4 to 31, inclusive	1 08
Mar. 29	E. F. Moore,	
	For official traveling expenses:	
	dinner and supper at Clare \$1.00 parlor car 25c	1 25
30	hotel at Detroit \$1.50, hotel at Bay City \$1.00	2 50
April 1	" Saginaw \$1.50 (3), dinner and supper at Flint \$1.00, chair car 25c	2 75
	supper and lodging at Grand Rapids	1 00
4	hotel Grand Rapids \$1.00, dinner Grand Junction 50c	1 50
	parlor car to Lansing	25
5	hotel Owosso \$1.00, Ann Arbor \$1.00	2 00
6	" Toledo \$1.00, dinner at Bay City 50c, supper at Durand 50c	2 00
7	lodging and breakfast at Durand	1 00
11	hotel bill Owosso \$1.00, Cadillac \$1.00	2 00
12	dinner at Mt. Pleasant 50c, supper Durand 50c, lodging Toledo 50c	1 50
13	hotel Toledo \$1.00, supper Owosso 50c, fare to Lansing 80c	2 30
17	Owosso	1 50
18	livery Ann Arbor to Emery and return \$2.00, hotel \$1.00	3 00
	Amount carried forward	\$1,044 00

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward.....	\$1,044 00
April 19	E. F. Moore.	
	For hotel Detroit \$1.00, do. Toledo \$1.00.....	2 00
20	" " \$1.00, dinner at Brighton 50c.....	1 50
31	dinner and supper at Owosso.....	1 00
23	parlor car to Detroit.....	25
24	hotel Detroit \$1.00, dinner at Brighton 50c.....	1 50
25	" Toledo.....	1 50
	street car for month.....	25
	National Express Co.,	
	For express from March 25, 1893 to April 19 inclusive.....	76
	U. S. Express Co.,	
	For express from March 17, 1893 to April 1 inclusive.....	50
	American Express Co.,	
	For express from April 1, 1893 to 21 inclusive.....	1 48
	<i>Allowed May 31, 1893.</i>	
May 1	The Eng. News Publishing Co.,	
	For subscription, March 30, 1893, to March 29, 1894.....	5 00
11	Huber & Metzger,	
	For 1 new Remington typewriter, ex old calligraph.....	57 50
April 27	T. J. Hatswell,	
	For examining locomotive boilers at Owosso.....	10 00
	report.....	10 00
	expense at Owosso.....	1 50
26	Elliott F. Moore,	
	For official traveling expenses:	
	supper at Durand, 50c; carriage at Owosso, self and expert, 50c.....	1 00
27	hotel bill at Owosso, \$2.00; bus at Owosso, 50c.....	2 50
28	lodging and breakfast at Owosso, \$1.00; dinner and supper, Ann Arbor.....	2 00
May 29	Ann Arbor, \$1.00; bus at Lansing, 25c.....	1 25
1	hotel bill at Saginaw.....	1 50
2	dinner at Battle Creek, 50c; supper at Jackson, 50c.....	1 00
3	hotel bill at Toledo, \$1.50; bus to depot, 25c.....	1 75
4	Clare, \$1.00; dinner at St. Louis, 50c.....	1 50
5	dinner and supper at Owosso, 50c; bus at do. 25c.....	75
8	hotel bill at Jackson, \$1.50; dinner at Devil's Lake, 50c.....	2 00
9	Toledo, \$1.50, Brighton, 50c.....	2 00
10	parlor car, Detroit to Lansing, 25c; dinner at Brighton, 50c.....	75
12	hotel bill at Eaton, \$1.50; bus, 25c.....	1 75
13	supper at Durand.....	50
15	hotel bill at Owosso, \$1.50; bus fare, 25c.....	1 75
16	Jackson, \$1.50; parlor car to Detroit, 25c.....	1 75
17	dinner and supper at Detroit, \$1.00; lunch and breakfast at Battle Creek, \$1.00.....	2 00
18	dinner at Kalamazoo, 50c; hotel bill at Grand Rapids, \$1.50.....	2 00
20	" and supper at Flint, 50c; parlor car to Saginaw, 25c.....	1 00
22	hotel bill, Detroit, \$1.50; breakfast at W. Detroit, 50c.....	2 00
23	dinner at Brighton, 50c; supper at Durand, 50c.....	75
24	hotel bill at Saginaw, \$1.50; supper at Durand, 50c.....	2 00
25	" Detroit, \$2.00 (26); " " Durand, \$1.00.....	3 00
	street car tickets for month.....	50
Apr. 27	S. B. Billings,	
	For official traveling expenses:	
	dinner and hack, street car at Owosso.....	80
May 1	" at Flint, 50c; supper at Durand, 50c.....	1 00
	chair car, 25c; street car, 5c.....	30
2	dinner 50c; chair car, 25c to Ann Arbor.....	75
	dinner 50c; hack, 25c.....	75
	motor car to Ypsilanti, 15c; supper, 50c.....	65
3	hotel at Toledo.....	2 25
	street car, 10c; hack, 25c.....	35
5	breakfast, Owosso, 50c; street car, 5c.....	55
	supper at Durand.....	50
	National Express Co.,	
	For express from April 26 to May 25, 1893, inclusive.....	2 04
	American Express Co.,	
	For express from May 5 to 25, 1893, inclusive.....	1 86
	Western Union Telegraph Co.,	
	For messages from April 7 to 29, 1893, inclusive.....	6 00
	Postal Telegraph Co.,	
	For message, April 26, 1893.....	41
	Amount carried forward.....	\$1,194 10

Commissioner of Railroads vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
May 5	Amount brought forward	\$1,194 10
	Michigan Bell Telephone Co.,	
26	For messages from April 28 to 29, 1893, inclusive	60
	L. E. Rowley, P. M.,	
	For rent of drawer G for quarter ending June 30, 1893	1 00
	<i>Allowed June 28, 1893.</i>	
June 14	Edward Thompson Co.,	
	For 1 American and English R. R. case, vol. 53	4 50
10	R. L. Polk & Co.,	
	For 1 copy Michigan Gazetteer, 1893-4	5 00
May 27	E. F. Moore,	
	For official traveling expenses:	
	supper at Durand, 50c; (29), hotel bill at Saginaw and Flint, \$1.50	2 00
31	dinner at Grand Ledge, 50c; supper and lodging at Grand Rapids, \$1.00;	1 75
	parlor car, 25c	1 50
June 1	hotel at Grand Rapids, bed and supper, \$1.00; dinner at Muskegon, 50c	1 50
4	parlor car to Muskegon and return	1 30
	hotel at Mancelona, Reed City and Grand Rapids	1 75
3	parlor car, Mancelona to Grand Rapids	1 50
5	hotel bill at Hastings, supper, lodging and breakfast	2 00
	" " Bay City	3 00
	sleeping car to Chicago	5 00
	hotel Chicago	1 50
7	" \$3.00, sleeper to Jackson \$2.00	1 00
8	" Jackson and Homer, breakfast, dinner and supper	1 00
10	dinner and supper at Owosso	1 00
12	" " Eaton Rapids	2 00
14	" at Hillsdale 50c, hotel at Adrian \$1.50	1 00
15	50c, supper at St. Thomas, Ont. 50c	4 40
22	parlor car to Buffalo \$1.25, fare Buffalo to Jamestown \$2.15	19 50
	hotel at Lakewood, N. Y. on account national master mechanics and	2 65
	national master car builders convention, 6½ days	2 50
	fare Jamestown to Buffalo \$2.15, hotel at Buffalo 50c	
May 29	S. R. Billings,	
	supper at Durand 50c, chair car 25c, street car 5c	80
June 1	street car 5c, chair car Bay City 25	1 45
5	hotel Bay City \$1.00, hack 75c, street car 20c	7 00
6-7	sleeper to Chicago see to publishing railroad maps \$3.00, hotel \$5.00	2 20
7	street car 20c, sleeper on return \$2.00	30
12	hack 25c, street car 5c	35
13	chair car to Detroit 25c, street car 10c	3 50
	hotel bill \$3.00, telegraphing 50c	75
	hack 25c, dinner at Mason 50c	80
	chair car 25c, supper Durand 50c, street car 5c	55
15	street car 5c, chair car 50c to Muir and Lowell	1 25
	dinner 50c, supper Grand Rapids 75c	40
19	street car 10c, chair car 25c, street car 5c at Lansing	1 40
	chair car to Saginaw, 25c; street car, 15c	30
	hotel	80
21	chair car and street car to Lansing	1 00
	street car, 5c; chair car to Saginaw, 25c	50
	hotel, Saginaw	
	chair car to Flint, 25c; to Lansing, 35c	
	Western Union Telegraph Co.,	
	For messages from May 1 to 27, 1893, inclusive	5 60
	American Express Co.,	
	For express, May 29 to June 20, 1893, inclusive	2 76
	Total for general allowance	\$1,293 85
	PRINTING.	
	<i>Allowed August 31, 1893.</i>	
Aug 22	Robert Smith & Co.,	
	For composition on 4,000 copies of report from page 1 to 112, 765,823 ems, @ 27	\$306 77
	presswork, 238 tokens, @ 15c	35 70
	<i>Allowed September 23, 1893.</i>	
Sept. 20	Robert Smith & Co.,	
	For composition on 4,000 copies of report from page 113 to 304, 1,821,844 ems, @ 27c	356 76
	presswork, 408 tokens, @ 15c	61 20
	Amount carried forward	\$860 48

Commissioner of Railroads vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
Oct. 18	Amount brought forward	\$880 43
	Robert Smith & Co.,	
	For composition on 4,000 copies of report, from page 305 to 416, 770,784 ems, @ 27c	208 11
	presswork, 333 tokens, @ 15c	35 70
	<i>Allowed December 28, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 4,000 copies of report, from page i to xxxix and 438 to 527,	
	662,811 ems, @ 27c	176 20
	presswork, 176 tokens, @ 15c	26 40
	alteration on copy, as follows, viz.:	
	galley 1 to 7, 5½ hours, press proof, sig. A and B5, 10¼ hours, @ 30c	3 15
12	1,000 interlocking reports, sam. 58	7 70
	100 blanks, annual report to commissioner, sam. 73	15 00
	<i>Allowed January 25, 1893.</i>	
Jan. 9	Robert Smith & Co.,	
	For 300 blanks, annual reports to commissioner, 36 pp., sam. 74	48 00
	150 circulars, Bush, etc., sam. 14	1 15
	500 covers, 14th Annual Report, sam. 21	1 30
	100 circulars No. 1, sam. 13	60
	1,000 shipping labels, sam. 8	1 20
	<i>Allowed February 23, 1893.</i>	
Feb. 6	Robert Smith & Co.,	
	For 2,000 blank accident reports, 1 side copy ink and 1 side black ink, sam. 27	5 60
	1,000 reports of earnings, " " 1 " " " " 27	3 60
	1,000 large envelopes, return card, sam. 19	50
	1,000 white " " " " 13	40
	400 manilla " " " " 13	40
	100 circulars, No. 2, sam. 14	1 00
	paper for same	25
	<i>Allowed March 29, 1893.</i>	
27	Robert Smith & Co.,	
	For 100 blanks, approval of cattle guards, sam. 14	1 00
	50 statements of treasurer, " 23	2 50
	<i>Allowed April 26, 1893.</i>	
Apr. 10	Robert Smith & Co.,	
	For 100 circulars, No. 3, sam. 13	60
	100 notices of filing map, copy ink, sam. 14	1 05
	<i>Allowed May 31, 1893.</i>	
25	Robert Smith & Co.,	
	For 100 circulars, No. 4, sam. 13	60
	<i>Allowed June 28, 1893.</i>	
June 9	Robert Smith & Co.,	
	For 100 circulars, steel cattle guards, sam. 14	1 00
	paper for same	25
	2,000 envelopes, sam. 18	80
	200 comp. slips, Mr. Billings, sam. 8	40
	100 working blanks, list of R. R., " 38	2 50
	Total for printing	\$1,205 39
	BINDING.	
	<i>Allowed October 26, 1892.</i>	
Oct. 8	Robert Smith & Co.,	
	For binding 300 blank books, annual report, manilla covers, not in contract, 2c	\$6 00
	<i>Allowed December 28, 1892.</i>	
Dec. 5	Robert Smith & Co.,	
	For binding 100 annual reports, manilla covers, sam. 2	3 00
	" " 13 old reports, rebound, full sheep, " 8	6 75
1	" " 1 railroad time table book	2 25
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For binding 1,104 reports, 1892, cloth, sam. 4	110 40
	Amount carried forward	\$129 15

ANNUAL REPORT OF THE

Commissioner of Railroads vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1896.</i>	
Jan. 2	Amount brought forward..... Robert Smith & Co., For loss on 100 covers made as per order and subsequently countermanded binding 4 reports, 2-1891, 2-1892, ¼ morocco..... 500 reports, 1892, paper, sam. 1..... cutting paper, 4 cuts, " 50..... binding 300 reports, 1892, full sheep, sam. 8..... " 273 annual reports, manilla covers, @ 3c.....	\$129 15 8 00 4 00 5 00 40 112 50 8 19
	Total for binding.....	\$267 24
	STATIONERY.	
	<i>Allowed September 28, 1892.</i>	
Aug. 31	Ihling Bros. & Everard, For 4 reams extra superfine O. B. paper, 19x24 28 lbs at 16c, sam. 25..... 1 ream Weston's ledger O. B. paper, 19x24, 44 lbs at 24c, sam. 28..... 150 sheets manilla, 24x36, 100 lbs, 31½ lbs at 7c, sam. 4..... 100 sheets manilla, 24x36-150 lb, 31½ lbs at 7c, sam. 4.....	\$17 92 10 56 3 19 2 22
	<i>Allowed November 20, 1892.</i>	
Nov. 26	Ihling Bros. & Everard, For 1 dozen automatic pencils, sam. 36..... 1 " boxes leads, sam. 37..... 2 gross 908 Gillott pens @ 45c, sam. 28..... 2 909 @ 45c, " 28..... 1 dozen rubber penholders, sam. 43..... 1 " erasers 59..... ¾ ream 24 lb O. B. folio at 16c, sam. 25..... lithographing 1,000 letter heads.....	1 50 1 00 90 90 1 00 1 40 1 92 3 00
	<i>Allowed December 28, 1892.</i>	
Dec. 8	Ihling Bros. & Everard,	
22	For 510 large manilla book cases..... 300 envelope fasteners.....	25 50 95
	<i>Allowed January 25, 1893.</i>	
	Ihling Bros. & Everard, For 1 gross Dixons pencils, sam. 30 B..... 1 doz. ink and pencil erasers, sam. 59 B..... 1 No. 205 ink stand..... 1 " 352 " 1 doz. No. 1,822 memorandum books..... 1 " 1,623 universal order book..... ¼ " steel erasers, sam. 74, @ \$6.75 doz.....	3 60 1 40 2 50 8 50 4 25 1 25 3 88
	<i>Allowed March 29, 1893.</i>	
Feb. 21	Ihling Bros. & Everard, For 1 gross No. 303 Gillott's pens, sam. 28 K..... 1 doz. stenog. note books, sam. 153..... 1 " automatic pencils, sam. 36..... 1 ream No. 13 typewriter paper..... 30 lb O. B. paper, @ 18c, sam. 16..... lithographing 2 M letter heads, @ \$3.00..... blocking 1 " 10 blocks..... lithographing 1 " memorandum heads.....	85 1 20 1 50 1 20 5 49 6 00 20 3 00
Feb. 17	A. M. Emery, For 1 doz. sheets carbon..... 5 line rubber stamp..... 1 stamping pad..... 1 Civil Engineer's Pocket-book.....	35 60 25 5 00
	<i>Allowed April 26, 1893.</i>	
April 18	A. M. Emery, For 2 rubber stamps, @ 25c.....	50
	<i>Allowed May 21, 1893.</i>	
May 11	Theo. L. Backus, For 1-12 doz. blue indelible cop Remington typewriting ribbon, \$15.00, sam. 143... ¼" 143....	1 25 2 50
Apr. 26	Amount carried forward.....	\$120 64

Commissioner of Railroads vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$120 64
May 31	Theo. L. Backus, For 2 M envelopes, @ \$1.30, sam. 209	2 60
	Ihling Bros. & Everard, For 4 reams 17 E. O. B. note heads, 28 lbs., @ 18c, sam. 16	5 04
	lithograph 4 M " " @ \$2.50	10 00
	blocking 4 M " " 40 blocks, @ 1c	40
June 28	F. A. Alexander, For 1 typewriter brush	2 25
May 3	A. M. Emery, For 1 receipt book	15
9	1 rubber stamp, signature, item 151	1 25
10	1 electrotype autograph	1 75
June 25	1 ledger index	25
17	3-1,000 page letter book, 2-15	6 45
	Total for stationery	\$150 78
	RECAPITULATION.	
	General allowance	\$1,293 55
	Printing	1,205 89
	Binding	287 24
	Stationery	150 78
	Total allowance for Commissioner of Railroads	\$2,917 26

Supreme Court vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
June 25	W. D. Fuller,	
to	For postage on proof, etc., from Grand Rapids to Lansing.....	\$1 75
July 20	" at Lansing.....	75
	express on caligraph to and from Detroit for repairs.....	1 25
	" records and briefs to and from Lansing.....	1 25
	telephoning to Lansing on official business.....	25
	paper for pasting copy for printers.....	40
	box rent, 3d quarter.....	50
	express.....	25
	Telegraph and Telephone Construction Co.,	
	For rent of telephone from July 1 to October 1, 1892.....	10 00
	Michigan Bell Telephone Co.,	
	For messages for June.....	2 35
	U. S. Express Co.,	
	For express.....	30
	American Express Co.,	
	For express June 25 to July 22.....	4 15
7	National Express Co.,	
	For express.....	25
	Callaghan & Co.,	
	For corrections on Michigan Reports, Vol. 88, 16 hours @ 40c.....	6 40
June 30	Richmond & Backus Co.,	
	For cleaning and aligning caligraph.....	3 50
	1 new platen without heads.....	2 00
	1 bottle oil 15c, type brush 20c.....	35
	1 ribbon clip 10c, 1 bl'k record ribbon 75c.....	85
July 20	B. L. Polk & Co.,	
	For 1 copy Lansing city and Ingham county directory, 1892, as per contract.....	5 00
<i>Allowed August 31, 1892.</i>		
	Seymour Foster,	
	For rent of P. O. drawer "S" for quarter ending Sept. 30.....	1 00
	American Express Co.,	
	For express July 29 to Aug. 17.....	2 65
Aug. 19	West Publishing Co.,	
	For subscription N. W. Rep., Vols. 51 and 52 @ \$4.00.....	8 00
	Annual Digest, 1891.....	8 00
June 17	The Bratten Dingman Co.,	
	For 200 sheets carbon paper and ¼ dozen ribbons.....	8 00
<i>Allowed September 23, 1892.</i>		
	W. D. Fuller, State reporter,	
	For expense account from July 21 to September 23, 1892:	
	express to and from Lansing.....	2 45
	postage on proof to Lansing.....	2 00
	telephone to Lansing.....	25
	caligraph ribbon.....	1 00
Dec. 8	two extra copies of proof of text, vol. 88, Michigan Reports, 664 pp.....	6 64
	postage on same to Grand Rapids, and other proof.....	1 75
31	8 advance copies (paper bound) for the court and library, @ 25c.....	2 00
	2 extra copies of proof of text, vol. 87, Mich. Reports, 635 pp.....	6 53
	postage on same and on other proofs.....	1 75
May 31	8 advance copies, paper bound, for court and library, @ 25c.....	2 00
	two extra copies of proof of text of vol. 88, Michigan Reports, 658 pp.....	6 58
	postage on same and other proofs.....	2 25
June 23	8 advance copies, paper bound, for the court and library, @ 25c.....	2 00
	2 extra copies of proof of text, vol. 89, Michigan Reports, 629 pp.....	6 29
	postage on same and other proofs.....	2 00
	8 advance copies for the court and library.....	2 00
	National Express Co.,	
	For express, September 3 and 26.....	50
Aug. 20	Western Union Telegraph Co.,	
	For message.....	25
	American Express Co.,	
	For express, Aug. 27 and Sept. 23.....	2 95
	Amount carried forward.....	\$120 42

BOARD OF STATE AUDITORS.

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Supreme Court vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$120 43
Sept. 29	W. D. Fuller,	
to	For postage on proof to Lansing	1 00
Oct. 20	" at Lansing	00
	express on records and briefs to and from Lansing	25
	wrappers for mailing proof to Lansing	1 00
	telephone to Lansing	50
	P. O. box rent, Lansing	50
Sept. 23	Callaghan & Co.,	
	For corrections on Michigan reports, volume 26, 16 hours, at 40c	6 40
	Lawyer's Cooperative Publishing Co.,	
	For books, 16 Lawyer's reports, annotated	5 00
	American Express Company,	
	For express from September 24, to Oct. 17	5 70
	National Express Co.,	
	For express September 26 and October 6	00
Oct. 5	United States Express Co.,	
	For express	45
	Telegraph & Telephone Construction Co.,	
	For rental of telephone from October 1, 1892, to January 1, 1893	10 00
	<i>Allowed November 29, 1892.</i>	
Oct. 26	W. D. Fuller,	
to	For postage on proof to Lansing from Grand Rapids	1 50
Nov. 23	" at Lansing	00
	express on records and copy for printers of report	1 30
	<i>Allowed December 28, 1892.</i>	
Dec. 23	Theo. L. Beckus,	
	For 1 Michigan Court Rules, 5th edition	4 00
Nov. 23	W. D. Fuller,	
	For postage on proof to Lansing	1 25
	" at "	30
	telephone to Grand Rapids	25
	express on records, briefs, etc., to Lansing	00
	telephone to Lansing	25
	Charles C. Hopkins,	
	For postage used in public business during year 1892 as clerk of supreme court	40 00
30	Huber & Metzger,	
	For 1 Remington typewriter for old Remington and	25 00
Oct. 5	Smith Premier Typewriter Co.,	
	For 1 Smith Premier Typewriter No. 18601	95 00
	1 roll top cabinet	45 00
	[Delivered to Judge Grant, Detroit, Mich.]	
Sept. 9	Lawyer's Cooperative Publishing Co.,	
	For book 16 L. R. A., pts	5 00
Nov. 4	United States Express Co.,	
	For express to Detroit	30
Dec. 24	National Express Co.,	
	For express prepaid	35
Nov. 2	Western Union Telegraph Co.,	
	For 1 message to Detroit, Mich.	1 43
Dec. 26	Seymour Foster, P. M.,	
	For rent of drawer "S," Supreme Court, for quarter ending Dec. 31, 1892	1 00
Sept. 29	A. M. Porter,	
	For 1 cold chisel	25
	1 box opener chisel	05
	1 steel model hammer	00
	1 screw driver	25
Oct. 18	Western Union Telegraph Co.,	
	For message to Detroit	55
	Michigan Bell Telephone Co.,	
	For messages from Oct. 6 to Nov. 30	1 75
	<i>Allowed January 25, 1893.</i>	
Dec. 27	W. D. Fuller,	
	For postage on proof to Lansing	1 00
18	" " " " " "	70
	express	1 75
	ribbon clip on calligraph	25
	P. O. box rent at Lansing	50
	National Express Co.,	
	For express, January 18 to January 20, 1893, inclusive	1 70
	Amount carried forward	\$397 10

Supreme Court vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1893.</i>	
	Amount brought forward.....	\$397 10
Dec. 18	American Express Co., For express from November 18, 1892, to January 16, 1893, inclusive.....	10 50
	Michigan Bell Telephone Co., For messages from December 1 to 24, 1892, inclusive.....	1 25
	<i>Allowed February 23, 1893.</i>	
Nov. 2	C. Alsdorf & Son, For 1 air cushion.....	2 50
Feb. 18	Chas. C. Hopkins, For postage used as clerk supreme court.....	15 00
17	postage.....	15 00
	Seymour Foster, P. M., For rent of P. O. drawer "B" for quarter ending March 31, 1893.....	1 00
	United States Express Co., For express from November 30, 1892, to February 6, 1893, inclusive.....	1 30
Jan. 21	W. D. Fuller, For postage on proof from Grand Rapids to Lansing.....	1 50
Feb. 18	express on records and briefs to and from Lansing.....	60
	telephone to Lansing.....	75
	postage at Lansing office.....	75
	American Express Company, For express from January 24 to February 18, 1893, inclusive.....	4 20
	Michigan Bell Telephone Co., For message January 3 to 18, 1893, inclusive.....	2 35
	Huber & Metzger, For 1 new No. 2 Remington typewriter for old No. 2.....	85 00
	<i>Allowed March 29, 1893.</i>	
18	Lawyers' Cooperative Publishing Co., For Book 18, Lawyers' Report.....	5 00
	National Express Company, For express from February 22, 1893, to March 20 inclusive.....	50
	U. S. Express Co., For express to Detroit, February 7, 1893.....	25
	American Express Co., For express from February 27, 1893, to March 28 inclusive.....	4 45
	Michigan Bell Telephone Co., For messages from February 2, 1893, to 25 inclusive.....	2 50
	<i>Allowed April 26, 1893.</i>	
	Chas. C. Hopkins, For postage, judges and clerks supreme court.....	20 00
	U. S. Express Co., For express from March 30, 1893, to 27 inclusive.....	1 20
	American Express Co., For express from March 28, 1893, to April 24 inclusive.....	4 15
	Western Union Telegraph Co., For messages March 9 and 10, 1893.....	1 28
	Michigan Bell Telephone Co., For messages from March 7, 1893, to 28 inclusive.....	1 50
	<i>Allowed May 31, 1893.</i>	
May 23	Callaghan & Co., For 2 J. & C's. Michigan Digest, @ \$13.00.....	26 00
Oct. 14	The Smith Premier Typewriter Company, For merchandise as per invoice rendered.....	\$95 00
	By " " credit.....	85 00
	Balance.....	10 00
	United States Express Co., For express from April 28 to May 26, 1893, inclusive.....	5 94
	National Express Co., For express from May 4 to 10, 1893, inclusive.....	50
	American Express Co., For express from April 28 to May 26, 1893, inclusive.....	4 06
May 26	L. E. Rowley, P. M., For rent of drawer B, for quarter ending June 30, 1893.....	1 00
	<i>Allowed June 28, 1893.</i>	
June 18	Frank Shepard, For 2 sets Michigan Annotations.....	10 00
12	R. L. Polk & Co., For 1 copy Michigan Gazetteer, 1893-4.....	5 00
	Amount carried forward.....	\$592 11

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
	Amount brought forward	\$392 11
May 26	W. D. Fuller,	
	For postage on proof, etc., at Grand Rapids	2 00
June 26	express on records and briefs to and from Grand Rapids	1 25
	telephoning to Lansing	1 25
	postage at Lansing	75
	American Express Co.,	
	For express from June 1 to 23, 1893, inclusive	4 65
	United States Express Co.,	
	For express, June 10, 1893	30
	National Express Co.,	
	For express, June 17, 1893	25
	Total for general allowance	\$602 56
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 5	Robert Smith & Co.,	
	For 23 forms, labels for briefs, sam. 79	\$2 30
	<i>Allowed August 31, 1892.</i>	
July 26	Robert Smith & Co.,	
	For 9 forms, labels for records and briefs, sam. 8	2 70
Aug. 49	1,000 notice, writ of error, sam. 16	2 08
	1,000 proof service of notice, sam. 22	3 58
	<i>Allowed September 28, 1892.</i>	
Sept. 13	Robert Smith & Co.,	
	For 2,000 blank note argument and proof of notice of hearing, sam. 24	4 04
	paper for same	1 25
	<i>Allowed December 28, 1892.</i>	
Dec. 12	Robert Smith & Co.,	
	For 1,000 blank bill of cost, sam. 28	2 58
	1,500 rule 31 " 13	2 00
	1,000 circuit court rule 85, " 13	1 50
	1,000 blank statements	2 50
	2,000 sample page size of brief, sam. 13	2 50
	paper for all above	6 75
	2,000 brief covers, sample sheets, sam. 21	3 55
17	Labels for briefs, January term, 1892, 5 forms " 8	1 50
	" " April " 5 " 8	1 50
	" " October " 17 " 8	5 10
	" " on motion 1 " 8	30
	<i>Allowed January 25, 1893.</i>	
Jan. 7	Robert Smith & Co.,	
	For 300 dockets, January term	50 00
	100 oaths of office sam. 25	1 00
	600 lists of justices, gummed paper " 8	50
	paper for same	25
	500 blanks certificates order of court, sam. 16	1 48
	15,200 blanks copy of order " 29	2 15
	200 docket rearranged, " 11	87
	paper for same	50
	150 dockets rearranged, sam. 13	70
	paper for same	75
Dec. 12	Theo. L. Backus,	
	For printing 3,600 note sheets, sam. 49, @ 90c	3 24
	" 5,800 letter heads, " 49, @ 90c	5 22
	less amount allowed in December bill, \$1.20.	
Nov. 9	West Publishing Co.,	
	For 1 American Digest, 1892	3 00
Jan. 10	T. Jay Marcellus,	
	For 11½ reams Just. linen paper, @ 3.00	34 50
	stamping in blue from die, Supreme Court of Michigan, @ \$8.00, 6,000 sheets	48 00
	Amount carried forward	\$204 19

Supreme Court vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$204 19
Jan. 26	Robert Smith & Co.,	
	For 600 lists of justices, gummed paper, sam. 8	80
	paper for same	25
	500 blank certificates, order of court, sam. 15	2 10
Feb. 6	1,000 receipts for writ of error, sam. 28	3 58
	<i>Allowed March 29, 1898.</i>	
Feb. 21	Robert Smith & Co.,	
	For 500 postal cards, sam. 8	70
	400 rule No. 9, " 13	90
	paper for same	80
	500 filing sheets for opinions, sam. 8	70
Dec. 26	Thompson & Van Buren,	
	For 500 sample page	2 00
27	110 order of court	2 75
Jan. 30	600 sample record pages, 2 sides	2 25
Nov. 29	Darius D. Thorp,	
	For 2 extra proofs of text Vol. 90, 661 pp.	6 61
	postage on proof to reporter	2 25
	8 advance copies @ 25c	2 00
Jan. 30	2 extra proofs of text Vol. 91, 682 pp.	6 82
	postage on proof to reporter	2 50
	8 advance copies @ 25c	2 00
Mar. 25	2 extra proofs of text Vol. 92, 654 pp.	6 54
	postage on proof to reporter	2 00
	8 advance copies at 25c	2 00
	<i>Allowed April 26, 1898.</i>	
Apr. 10	Robert Smith & Co.,	
	For 300 court rules, sam. 13	80
	300 docket April term, sam. 77	50 00
	200 blanks, 8, sam. 28	2 62
	200 dockets rearranged, sam. 13	70
13	paper for same	25
	17 forms labels, sam. 8	5 10
	<i>Allowed May 31, 1898.</i>	
May 16	Robert Smith & Co.,	
	For 200 fiere facias, sam. 28	2 62
28	5,000 blank note of argument and proof of notice of hearing, sam. 24	8 84
	paper for same	3 00
	800 note heads, sam. 49	90
	500 clerks certificates, sam. 8	70
Apr. 27	composition on 400 additional sheets for Hopkins index	17 40
	presswork, \$2.00; paper, \$4.00; cutting paper, 10 cuts, sam. 50, \$1.60	7 00
	<i>Allowed June 28, 1898.</i>	
June 9	Robert Smith & Co.,	
	For 300 dockets, June term, sam. 78	50 00
	600 circuit court rule 107, sam. 13	1 10
	paper for same	25
20	250 memo. sheets for full bound docket, sam. 65	1 40
	lot of labels for labels and briefs April term, 12 forms, sam. 8	1 40
	300 docket rearranged, sam. 13	1 84
	paper for same	30
	500 postals, sam. 8	70
	Total for printing	\$410 16
	BINDING.	
	<i>Allowed August 31, 1898.</i>	
July 23	Robert Smith & Co.,	
	For binding 9 reports and briefs, ¼ sheep, @ \$1.25, not in contract	\$11 25
Aug. 15	cutting typewriter paper, 6 cuts, sam. 50	60
4	binding opinions, vol. 87, ¾ russla, 19 qrs., sam. 86	6 08
	" " " 88, ¾ " 17 " " 86	5 44
	" " " 89, ¾ " 16 " " 86	5 12
	<i>Allowed September 28, 1898.</i>	
Sept. 12	Robert Smith & Co.,	
	For cutting paper, 5 cuts, sam. 50	50
	Amount carried forward	\$38 90

BOARD OF STATE AUDITORS.

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Supreme Court vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$28 99
Sept. 30	Robert Smith & Co.,	
	For cutting blotting paper, 7 cuts, sam. 50	70
Oct. 8	500 postal cards, sam. 8	70
	lettering 2 lines on dockets, sam. 52	20
	binding 1 docket, full morocco, not on contract	1 00
15	1 ream of report paper	3 50
	blocking same, 50 blocks, 8x11, sam. 47	1 00
18	cutting paper, 8x11 inches, 9 cuts, sam. 50	90
	<i>Allowed December 28, 1892.</i>	
	Robert Smith & Co.,	
	For making 10 blocks bill heads, sam. 48	10
	cutting paper, sam. 50	50
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For binding 28 records and briefs, ¼ sheet @ \$1.25	35 00
	1 manuscript brief on motion	2 00
	changing letters on motion docket, sam. 52	20
	binding brief in tax and Miner law	1 25
12	24 briefs ¼ sheet heavy bound @ \$1.25	30 00
	<i>Allowed April 26, 1893.</i>	
Apr. 8	Robert Smith & Co.,	
	For binding 17 records and briefs, ¼ sheet @ \$1.25	21 25
	<i>Allowed May 31, 1893.</i>	
May 12	Robert Smith & Co.,	
	For binding 1 opinion Vol. 90, 18 quires, sam. 36	5 76
	1 " " " 91, 20 " " 36	6 40
	1 " " " 92, 20 " " 36	6 40
18	blocking 10 note heads, sam. 48	10
	<i>Allowed June 28, 1893.</i>	
June 7	Robert Smith & Co.,	
	For binding 12 records and briefs at \$1.25	15 00
	Total for binding	\$160 95
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
July 20	Ihling Bros. & Everard,	
	For 6 reams Crane's typewriter paper, 2½ lbs., sam. 146, @ \$1.25	\$7 50
	2 doz sheets typewriter carbon	80
	1-6 doz. sponge cups, 4 inch, sam. 62, @ 80c	14
	1-6 doz. sponges, @ 60c	10
	less express	25
		\$8 29
	<i>Allowed September 28, 1892.</i>	
Sept. 27	Ther. L. Backus,	
	For 4 M No. 5 linen baronial envelopes, n. o. c. @ \$2.50	10 00
	2 M No. 6 linen envelopes, sam. 277, @ \$1.48	4 44
	2 M No. 6½ " " 228 @ \$1.80	5 40
	<i>Allowed October 26, 1892.</i>	
Oct. 17	Ihling Bros. & Everard,	
	For ¼ gro. Faber's graphite pencils B. B. \$10.00, sam. 31 B	2 50
	1 " " " " " N. 1 at \$6.10, " 31 A	1 52
	1 " " " " " N. 2 " 36.10, " 31 A	1 58
10	4 " " J. W. Clothier's Hollings & Stub pens, \$1.50	6 00
3	1 doz. quarts Sanford's mucilage @ \$6.50, sam. 57 B	1 69
	1 " Sanford's Universal mucilage	1 75
	3 gro. No. 11 Gluc. pens @ \$1.50, sam. 38 E	4 50
	¼ " " 114 blue pencils @ \$5.75, sam. 32 A	1 44
	1 " " 3 I. B. & E. pencils, sam. 31 E	2 25
	3 doz. stenographers' note books @ \$1.20, sam. 153	3 60
	Amount carried forward	\$54 86

ANNUAL REPORT OF THE

Supreme Court vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
Nov. 2	Amount brought forward	\$64 88
	A. M. Emery,	
	For 1 doz. quarts Stafford's ink	4 25
	1 pint Carter's crimson ink	80
	500 seals No. 14 @ \$2.10 per M.	1 05
	¼ doz. 12-inch bankers' shears @ \$15.00 ..	7 50
	¼ " 6 " " " " 5.00	1 67
	<i>Allowed December 28, 1892.</i>	
Dec. 19	Theo. L. Backus,	
	For 1 doz. sheets carbon paper	35
	exchange on typewriter ribbon	25
12	1 ream 24 lbs Crown folio, sam. 23, @ 17c ..	4 08
	out into 5,800 note sheets—printer, sam. 49 ..	80
	padding same, sam. 48	85
	1 M 24-5 linen Baronial envelopes, not on contract ..	2 75
	printing same in blue ink, sam. 18	40
	8 reams 24 lbs O. Berkshire Antique, sam. 23, @ 17c ..	12 24
	out into 5,800 letter heads—printer, sam. 49 ..	40
	padding same, sam. 47, @ 2c	1 16
	8 lbs white linen twine, sam. 132, @ 48c ..	2 88
	5 lbs gray flax twine, sam. 184, @ 20c ..	1 00
	18 lbs 6-ply jute twine, sam. 133, @ 10c ..	1 80
	¼ doz. 2-inch glass sponge cups, sam. 61, @ 60c ..	30
	¼ lb sponge, sam. 156, @ \$1.75	1 31
8	Ihling Bros. & Everard,	
	For 3 reams 16 lb Hornet linen, @ 25c, sam. 24 ..	8 00
	lithographing 3 M letter heads, @ \$3.00 ..	6 00
	blocking 2 M letter heads, 20 blocks	80
	<i>Allowed January 25, 1893.</i>	
	Theo. L. Backus,	
	For 1 M, 763, 10 envelopes, sam. 214	2 35
	¼ M, 762-9 " " " 212, @ \$1.55 ..	1 13
	1-5 doz black record calligraph ribbons sam. 44, @ \$6.00 ..	1 00
30	Ihling Bros. & Everard,	
	For 3 calendar pads, 1893, 25c	75
	1 doz. rubber penholders, sam. 43	1 00
	3 oil slips	1 00
	Callaghan & Co.,	
	For two corrections to supreme court report, volume 90, 15 hours, @ 40c ..	6 00
Sept. 19	Huber & Metzger,	
	For 1 typewriter ribbon	1 00
	<i>Allowed February 23, 1893.</i>	
1893.	Theo. L. Backus,	
Dec. 10	For 2 quarts Stafford's ink	1 00
	1 Michigan Court rules, 5th edition	4 00
	¼ M envelopes	1 75
	1 package backing	50
	<i>Allowed March 29, 1893.</i>	
Jan. 16	Theo. L. Backus,	
	For 5 copies Michigan Court Rules, 5th edition	30 00
Mar. 11	2 M No. 24, 5 linen baronial envelopes, n. o. c.	5 50
	printing same	80
23	A. M. Emery,	
	For ¼ gross pencils, sam. 314, @ \$4.30 ..	2 15
	<i>Allowed April 26, 1893.</i>	
April 4	Ihling Bros. & Everard,	
	For 1 gross 8½ pencils, sam. 31 B.	10 00
	1 " " Faber pencils, sam. 31 A	6 10
	3 doz. rubber penholders, sam. 43	2 00
	5 M sheets paper, 8x11 37 lbs, @ 10c	3 70
	blocking 5 M sheets paper, 50 blocks, @ 2c ..	1 00
	letter opener	2 00
	<i>Allowed May 31, 1893.</i>	
May 9	Ihling Bros. & Everard,	
	For 5 lbs 60-lb manilla paper, @ 7c, sam. 4 ..	35
	¼ doz. qrts. Carters mucilage, @ \$6.50, sam. 57 C ..	1 63
	22½ lbs Telegraph manilla 8x12, 3,000 sheets, @ 10c, sam. 5 ..	2 25
	Amount carried forward	\$194 08

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$194 06
May 10	Theo. L. Backus,	
	For ¼ doz. purple cop Underwood's typewriter ribbon, @ \$7.50, sam. 142.....	3 75
	¾ " black " " " " " @ \$7.50, " 142.....	1 88
	¼ " " Smith Premier " " " @ \$12.00, not on contract.....	6 00
	5 M No. 10 white envelopes, @ \$2.35, sam. 214.....	11 75
16	¾ doz. black cop Smith Premier typewriter ribbon, not on contract.....	3 00
9	A. M. Emery,	
	For 10 dozen carbon, item 148 @ 25c.....	5 60
10	3 " " 148 " 25c.....	1 05
	¾ " Stafford's ink, item 68 @ \$6.00.....	8 00
12	70 " carbon, item 148 @ 25c.....	24 50
	<i>Allowed June 28, 1893.</i>	
June 16	Ihling Bros. & Everard,	
	For 5 reams 17x23 24 B Hornet linen @ 25c, sam. 24.....	30 00
	cutting paper.....	1 00
	2 reams 17x23 16 B Hornet linen @ 25c, sam. 24.....	8 00
	2 " 17x23 20 " " " " 25c, " 24.....	10 00
	2 " 19x24 20 " " " " 25c, " 24.....	10 00
28	F. A. Alexander,	
	For 1 typewriter brush.....	2 25
	Total for stationery.....	\$315 84
	RECAPITULATION.	
	General allowance.....	\$608 56
	Printing.....	410 16
	Binding.....	160 06
	Stationery.....	315 84
	Total allowance for Supreme Court.....	\$1,489 51

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 7	L. M. Sherwood, For hack, 25c; railroad, Lansing to Durand, 65c	\$0 90
8	hotel, Durand	2 00
8	railroad fare Durand to Flushing, 40c; bus, 25c	65
9	hotel at Flushing	2 50
9	bus, 25c; railroad fare Flushing to Lansing, \$1.05	1 30
June 27	hack	25
June 27	T. C. Sherwood, For railroad fare Plymouth to Saginaw	2 50
29	chair car	25
29	expenses at Saginaw	5 25
30	Saginaw to Detroit, \$2.90; chair car, 25c	3 15
30	expenses at	3 00
July 5	Detroit to Plymouth	65
5	Plymouth to Lansing, \$1.90; chair car, 25c	2 15
6	Lansing to Detroit	2 55
6	expenses at	3 50
14	Detroit to Plymouth	65
16	Plymouth to Detroit	65
16	expenses at	6 25
18	Detroit to Plymouth	65
18	Plymouth to Grand Rapids	3 80
19	expenses at	4 00
19	Grand Rapids to Petoskey	5 70
20	chair car, 75c; supper, 75c	1 50
20	Petoskey to Charlevoix and return	80
21	hack	50
21	Petoskey to Mancelona, \$1.20; dinner, 50c	1 70
22	Mancelona to Petoskey	1 20
22	expenses at	6 50
22	Petoskey to Saint Ste. Marie	4 40
22	breakfast at Mackinac	50
22	5 telegrams, \$1.49; 3 telephones, 75c	2 24
June 27	Commissioner of Banking, For postage	25 00
June 27	E. A. Sunderlin, For street car, 5c; railroad, Saginaw, \$1.35; bus, 25c	2 15
30	railroad, Midland and return, \$1.10; bus, 25c	1 35
July 2	hotel, Saginaw	13 75
5	bus, 25c; railroad, Lansing, \$1.35; carriage, 25c	2 35
5	carriage, 25c; railroad, Detroit, \$2.55	2 80
6	chair car, 25c; bus, 25c	50
6	hotel, \$2.25; bus, 25c	2 50
7	railroad, Mt. Clemens, 54c; bus, 25c	79
7	hotel, Mt. Clemens, \$3.75; railroad, Detroit, 54c; chair car, 5c	4 24
8	" \$3.25; bus, 25c; railroad, Oxford, \$1.20	3 70
8	dinner, 50c; railroad, Detroit, \$1.20; bus, 25c	1 95
9	hotel, \$2.00; street car, 5c	2 05
9	railroad, Lansing, \$2.55; carriage, 25c	2 80
12	street car, 5c; railroad, Ann Arbor, \$1.90; bus, 25c	2 20
14	hotel, \$5.00; railroad, Ypsilanti, 25c; bus, 25c	5 50
16	" Ypsilanti, \$2.50; railroad, Lansing, \$2.10	4 60
19	carriage	25
19	" 25c; railroad, Bay City, \$2.15	2 40
22	hotel, \$9.75; bus, 25c	10 00
22	railroad, Lansing, \$2.15; supper, 50c	2 65
22	telegram, 50c; street car, 5c	55
June	Telegraph and Telephone Construction Co., For rental of Telephone from July 1 to October 1, 1892	10 00
June	Michigan Bell Telephone Co., For messages, April 21 to	1 15
June	Western Union Telegraph Co., For messages, June 6 to 13	50
July 20	American Express Co., For express, June 23 to July 19	90
July 20	R. L. Polk & Co., For 1 copy Lansing City and Ingham County Directory, 1892, as per contract	5 00
	Amount carried forward	\$128 37

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$188 37
Aug. 9	L. M. Sherwood, Bank Examiner,	
	For street car 5c, railroad Detroit \$2.55, street car 5c	2 65
11	hotel Detroit \$8.25, street car 5c	8 30
	railroad Lansing \$2.55, street car 5c	2 60
16	street car 5c, railroad Lake Odessa \$1.00	1 05
	bus 25c, hotel Lake Odessa \$1.50	1 75
	railroad to Lansing \$1.00, street car 5c	1 05
July 25	E. A. Sunderlin,	
	For carriage 25c, railroad Holly \$1.30	1 55
	hotel \$1.00, railroad Detroit \$1.40, bus 25c	2 65
26	" \$1.50, bus 25c	1 75
	railroad Wayne and return	1 10
	bus 25c, dinner 50c	75
27	hotel \$2.25, bus 25c	2 50
	railroad Milan and return	2 20
	bus 25c, dinner 50c, street car 5c	80
28	hotel \$2.25, bus 25c	2 50
	boat to Marine City	75
	hotel \$1.00, boat to St. Clair 25c	1 25
29	" \$2.50, " " Detroit 75c, supper 50c	3 75
30	" \$1.50, bus 25c	1 75
	railroad Lansing \$2.55, street car 5c	2 60
Aug. 1	street car 5c, railroad Hillsdale \$1.90, bus 25c	2 20
2	bus 25c, railroad Reading 60c	85
	dinner	50
4	hotel Hillsdale	6 50
	bus 25c, railroad Jonesville 15c	40
	dinner and bus	75
	railroad Homer	40
5	hotel	2 00
	railroad Lansing \$1.35, carriage 25c	1 60
9	street car 5c, railroad Detroit \$2.55, street car 5c	2 65
12	hotel \$8.25, bus 25c	8 50
	railroad Lansing \$2.55, street car 5c	2 60
15	carriage 25c, railroad East Tawas \$4.40	4 65
	parlor car 50c, dinner 75c	1 25
16	hotel \$2.00, railroad Oscoda 40c, bus 25c	2 65
17	" \$1.50, " Bay City \$2.65	4 15
	parlor car 50c, dinner 50c, bus 25c	1 25
19	hotel Bay City	5 75
	bus	25
	railroad Lansing	2 15
	supper 50c, street car 5c	55
23	carriage 25c, railroad Adrian \$2.45	2 70
	bus and dinner 75c, bus 25c	1 00
25	bus, 25c; railroad, Hudson and return, \$1.05	1 80
	dinner, 50c; bus, 25c	75
26	hotel, Adrian, \$5.00; bus, 25c	5 25
	railroad, Jackson	1 35
	bus and dinner	75
	railroad, Lansing	1 10
	carriage	25
	Commissioner of Banking,	
	For postage	20 00
July 25	T. C. Sherwood,	
	For expenses at "Soo"	8 50
	railroad, "Soo" to Manistique	4 25
	chair car	50
26	expenses at Manistique	3 25
	railroad, Manistique to Ishpeming	3 98
	carriage at Gladstone to N. W. R. R. depot	1 50
	expenses at Ishpeming	2 50
27	Ishpeming to Marquette	60
28	expenses at	3 50
	Marquette to Calumet	4 35
	expenses at	3 00
29	Calumet to Hancock	50
30	expenses at	3 00
	Hancock to Marquette	3 85
31	expenses at	3 50
	Marquette to Iron Mountain	2 80
Aug. 1	expenses at Iron Mountain	2 50
	Iron Mountain to Crystal Falls	1 02
	Amount carried forward	\$365 82

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
	Amount brought forward	\$265 82
Aug. 1	T. C. Sherwood.	
	For dinner and supper	1 00
	livery, Crystal Falls to Stager	2 00
	Stager to Iron Mountain	65
	Iron Mountain to Chicago	8 73
	sleeper	2 00
2	expenses at Chicago	4 50
	bus	1 00
3	Chicago to Detroit	7 75
	chair car	2 00
4	expenses at Detroit	2 00
	Detroit to Plymouth	65
6	Plymouth to Lansing	1 90
	Lansing to Plymouth	1 90
	chair car	25
8	Plymouth to Detroit	65
12	expenses at	14 50
	Detroit to Plymouth	65
16	Plymouth to Detroit	65
17	expenses at	2 00
	Detroit to Plymouth	65
22	Plymouth to Lansing	1 90
	Lansing to Detroit	2 55
23	expenses at	3 00
	Detroit to Plymouth	65
	telegram	62
	typewriting	2 00
	Seymour Foster.	
	For rent of P. O. box 464 for quarter ending September 30	75
	American Express Company.	
	For express, July 25 to Aug. 27	90
	Michigan Bell Telephone Co.	
	For messages, July 2 to 18	70
	Western Union Telegraph Co.	
	For messages, July 15 to 22	75
	Chilson & McKinley.	
	For 1 copy city directory	3 00
<i>Allowed September 28, 1892.</i>		
Aug. 31	L. M. Sherwood.	
	For street car, 5c; fare Lansing to Mason, 35c	40
Sept. 1	hotel at Mason	3 00
	railroad, Mason to Lansing, 35c; street car, 5c	40
8	hack	25
	railroad, Lansing to Lapeer	1 35
9	bus, 25c; hotel at Lapeer, \$2.50	2 75
	Lapeer to Lansing	1 25
	hack	25
12	street car, 5c; railroad, Lansing to Grand Rapids, \$1.95	2 00
	dinner	75
	railroad, Grand Rapids to Bangor	1 35
13	hotel at Bangor	3 00
	livery " to South Haven	2 50
	hotel at South Haven	1 00
	South Haven to Hartford	55
	supper	50
	Hartford to Grand Rapids	2 05
14	lunch at	85
	Grand Rapids to Lansing	1 25
	hack	25
19	Lansing to Saginaw	1 25
	bus	25
23	hotel at Saginaw	13 75
	bus, 25c; street car, Saginaw, 20c	45
	Saginaw to Lansing	1 35
	supper at Durand	50
	hack, 25c; 2 telegrams, 50c	75
July 18	T. C. Sherwood.	
	For examination of banks at Charlevoix and Petoskey and the State banks	
	upper peninsula	2 30
	Plymouth to Grand Rapids	3 00
19	expenses at Grand Rapids	5 70
	Grand Rapids to Petoskey	
	Amount carried forward	\$498 53

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$498 58
July 19	T. C. Sherwood,	
	For chair car, 75c; supper, 75c	1 50
20	railroad to Charlevoix and return	80
	hack	50
22	expenses at Petoskey	6 50
	Petoskey to Sault Ste. Marie	4 40
	breakfast at Mackinac	50
	Soo Junction to Newberry and return	85
	expenses at Newberry	1 00
25	expenses at Soo	7 25
	Soo to Ishpeming	6 00
	chair car, 75c; dinner, 50c	1 25
	expenses at Ishpeming	2 00
26	Ishpeming to Marquette	80
28	expenses at Marquette	3 50
	Marquette to Calumet	4 25
29	expenses at Calumet	3 00
	Calumet to Hancock	80
30	expenses at Hancock	3 00
	Hancock to Marquette	3 25
Aug. 1	expenses at Marquette	6 50
	Marquette to Iron Mountain	2 30
	expenses at Iron Mountain	1 00
	Iron Mountain to Chicago	8 75
	sleeping car	2 00
2	expenses at Chicago	4 50
	bus	1 00
3	Chicago to Detroit	7 75
	sleeping car	2 00
	breakfast	1 00
4	Detroit to Plymouth	65
31	E. A. Sunderlin,	
	For street car, 5c; railroad, Traverse City, \$5.55	5 60
	dinner at Grand Rapids	75
	bus	25
Sept. 2	railroad, Elk Rapids and return	1 20
	dinner and bus	1 00
3	hotel, Traverse City	6 25
	bus	25
	railroad to Manistee	1 75
5	hotel, Manistee	6 00
	boat to Ludington	1 00
6	hotel, Ludington	2 09
	railroad, Lansing	5 05
	carriage	25
7	street car, 5c; railroad, Howell and return, \$2.00	2 05
	hotel, \$1.00; street car, 5c	1 45
9	street car, 5c; railroad, Fowler, \$1.85	1 90
	dinner and supper	1 09
	railroad, Lansing, \$1.85; street car, 5c	1 90
12	street car, 5c; railroad, Grand Rapids, \$1.95	2 00
	dinner	75
	railroad to St. Joseph	2 60
13	hotel at St. Joseph, \$2.00; street car, Benton Harbor, 5c	2 05
14	" " Benton Harbor	2 00
	railroad, Grand Rapids	2 55
	bus	25
17	hotel at Grand Rapids	8 25
	bus	25
	railroad, Fowler, \$1.50; dinner, 50c	2 00
	" Lansing, \$1.85; street car, 5c	1 90
19	street car, 5c; railroad, Baginaw, \$1.85	1 90
	bus	25
23	car fare, to and from west side	50
	hotel	12 75
	bus	25
	railroad, Lansing	1 25
	supper, 50c; carriage, 25c	75
	Commissioner of Banking	
	For postage	25 00
	Michigan Bell Telephone Co.,	
	For messages, August	1 50
	American Express Co.,	
	For express, September 6 to 17	65
	Amount carried forward	\$696 65

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed October 26, 1892.</i>		
	Amount brought forward	\$396 66
Sept. 23	Commissioner of Banking,	
	For postage	10 00
26	L. M. Sherwood,	
	For street car, 5c; fare, Lansing to Howell Junction, \$1.05	1 10
	Howell Junction to Dundee	1 58
	bus	25
27	hotel, Dundee, \$2.50; bus, 25c	2 75
	Dundee to Howell	1 60
	supper at	50
	Howell to Lansing	1 00
	carriage	25
Oct. 21	street car, 5c; Lansing to Hillsdale, \$1.90	1 95
	Hillsdale to Hudson	50
	parlor car, 25c; bus, 25c	50
22	hotel at Hudson	2 00
	Hudson to Hillsdale	50
	bus, 25c; dinner at Hillsdale, 50c	75
	Hillsdale to Lansing	1 90
	carriage	25
Sept. 26	E. A. Sunderlin,	
	For bank examinations:	
	street car, 5c; railroad, Grand Rapids, \$1.95	2 00
	dinner and bus fare	75
	railroad, Lowell	55
27	hotel	2 50
	railroad, Grand Rapids, 55c; bus, 25c	80
28	hotel	1 50
	railroad, Big Rapids	1 70
	bus, 25c; dinner, 50c	75
	railroad, Grand Rapids	1 70
29	hotel, \$2.00; bus, 25c	2 25
	railroad, Middleville	65
	dinner, 50c; railroad, Lansing, \$2.80; street car, 5c	3 15
30	street car, 5c; railroad, Flint, 99c; bus, 25c	1 29
Oct. 1	hotel, \$2.50; railroad, Lansing, 99c	3 49
	supper, 50c; carriage, 25c	75
3	street car, 5c; railroad, Detroit, \$2.55	2 60
	bus	25
6	hotel, Detroit, \$9.00; street car, 5c	9 05
	railroad, Wyandotte and return	46
	bus	25
	dinner, 50c; street car, 5c	55
	boat to Marine City	75
	supper on boat	50
7	hotel	2 00
	stage and railroad, Detroit	1 89
	bus	25
8	hotel, \$1.50; street car, 5c	1 55
	railroad, Lansing, \$2.55; street car, 5c	2 60
10	carriage, 25c; railroad, Baginaw, \$1.85	2 10
	bus, 25c; dinner, 75c	1 00
	railroad, Ludington	4 35
11	hotel, \$1.50; railroad, Clare, \$2.60	4 10
12	" \$3.00; " Mt. Pleasant, 45c	3 45
14	" Mt. Pleasant	3 50
	railroad, St. Louis, 65c; bus, 25c	90
15	hotel	2 50
	railroad, Lansing	2 20
	supper, Durand	50
	carriage	25
17	street car, 5c; railroad, Port Huron, \$2.29; bus, 25c	2 59
20	hotel, \$6.50; railroad, Lansing, \$2.29; carriage, 25c	9 04
	American Express Co.,	
	For express, September 29 to October 19	50
	Telegraph and Telephone Construction Co.,	
	For rental of telephone from October 1, 1892, to January 1, 1893	10 00
	Western Union Telegraph Co.,	
	For messages for September	76
<i>Allowed November 29, 1892.</i>		
	T. C. Sherwood,	
18	For Lansing to Plymouth	1 90
	Plymouth to Ann Arbor	85
	Amount carried forward	\$821 03

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$821 08
Oct. 18	T. C. Sherwood,	
	For dinner and supper	1 00
22	Ann Arbor to Plymouth	85
	Plymouth to Pontiac	1 45
	expenses at "	1 00
23	Pontiac to Detroit	80
	expenses at "	3 50
25	Detroit to Plymouth	65
28	Plymouth to Detroit	65
	expenses at "	3 00
	Detroit to Lansing	2 55
	Lansing to Plymouth	1 90
	chair car	25
	3 telephones, 65c; 2 telegrams, 50c	1 15
Nov. 21	L. M. Sherwood,	
	For bank examinations:	
	street car, 5c; railroad, Lansing to Jackson, \$1.10	1 15
23	bus	25
	hotel, Jackson	7 50
	railroad, Jackson to Lansing	1 10
	hack	25
Oct. 24	E. A. Sunderlin, Bank Examiner,	
	For carriage	25
	railroad to Kalamazoo	1 60
	dinner and bus, Battle Creek	75
27	bus	25
	hotel at Kalamazoo	9 00
	railroad to Battle Creek	70
29	bus	25
	hotel at Battle Creek	3 50
	railroad, Lansing, 90c; street car, 5c	95
31	" Coldwater	2 30
	bus	25
Nov. 2	hotel	4 00
	railroad, White Pigeon	1 08
	hotel	1 00
3	railroad, Sturgis, 85c; bus, 25c	60
	hotel	2 50
4	railroad, Three Rivers, 70c; bus, 25c	95
	hotel	2 50
	railroad, Lansing	2 35
	carriage	25
8	railroad, Detroit	2 55
	bus	25
12	hotel, \$12.00; bus, 25c	12 25
	railroad, Lansing, \$2.55; street car, 5c	2 60
14	street car, 5c; railroad, Grand Rapids, \$1.95	2 00
	bus	25
19	hotel, Grand Rapids	15 75
	bus	25
	railroad, Lansing, \$1.95; street car, 5c	2 00
21	street car, 5c; railroad, Jackson, \$1.10	1 15
	bus	25
23	hotel	7 50
	railroad, Lansing	1 10
	telegram, 27c; carriage, 25c	52
	Commissioner of Banking,	
	For postage	25 00
Aug. 29	T. C. Sherwood,	
	For	
	Plymouth to Detroit	65
	Detroit to Chicago	7 75
	Limited chair car	2 25
	dinner and supper	2 00
30	expenses at Chicago	5 50
	hack	1 50
	Chicago to San Francisco	70 00
	sleeper	15 50
	dinner and lunch	1 50
31	breakfast, lunch and dinner	2 25
Sept. 1	" " " "	2 25
2	" " " "	2 25
3	" " " "	2 25
12	lunch and dinner	1 50
	expenses at San Francisco	35 50
	Amount carried forward	\$1,109 35

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed November 29, 1892.</i>		
	Amount brought forward	\$1,109 25
Sept. 22	T. C. Sherwood,	
	For San Francisco to Detroit	77 75
23	sleeper	20 00
24	lunch and dinner	1 50
25	breakfast, lunch and dinner	2 25
26	" " "	2 25
27	" " "	2 25
	expenses at Detroit	8 20
Oct. 3	Detroit to Plymouth	65
7	Plymouth to Detroit	65
	expenses at	9 50
8	Detroit to Lansing	2 55
	Lansing to Plymouth	1 90
10	chair car	25
	Plymouth to Ludington	6 00
11	chair car	50
	supper	50
	expenses at Ludington	1 50
	Ludington to Detroit	7 00
12	chair car	25
	expense at Detroit	3 00
18	Detroit to Plymouth	65
20	Plymouth to Detroit	65
	expense at Detroit	6 00
	Detroit to Chicago	7 75
22	sleeper	2 00
	expense at Chicago	5 50
	Chicago to Detroit	7 75
	sleeper	2 00
	supper at Detroit	75
	Detroit to Plymouth	65
24	Plymouth to Lansing	1 90
	Lansing to Detroit	2 55
26	expenses at	5 50
	Detroit to Plymouth	65
29	Plymouth to Grand Rapids	8 20
Nov. 3	expenses at	10 50
	Grand Rapids to Detroit	4 50
3	expenses at Detroit	2 50
	Detroit to Plymouth	65
7	Plymouth to Lansing	1 90
	chair car	25
	Lansing to Plymouth	1 90
8	Plymouth to Detroit	65
12	expenses at	12 00
	Detroit to Plymouth	65
14	Plymouth to Detroit	65
	expenses at	3 00
	Detroit to Bay City	3 20
	chair car	25
16	expenses at Bay City	5 00
	Bay City to Detroit	3 20
	chair car	25
17	expenses at Detroit	2 50
	Detroit to Lansing	2 55
	chair car	25
<i>Allowed December 28, 1892.</i>		
28	T. C. Sherwood,	
	For railroad fare, Plymouth to Lansing	1 90
	expenses at Lansing	2 00
29	railroad fare, Lansing to Grand Rapids, \$1.95; chair car, 25c	2 20
Dec. 1	expenses at Grand Rapids	6 75
3	railroad fare, Grand Rapids to Detroit, \$4.50; chair car, 25c	4 75
	expenses at Detroit	6 00
	railroad fare, Detroit to Plymouth	65
5	" " Plymouth to Detroit	65
6	" " Detroit to Lansing	2 55
	" " Lansing to Detroit, \$2.55; chair car, 25c	2 80
10	expenses at Detroit	17 50
	railroad fare, Detroit to Northville	75
	dinner and hack, 75c; Northville to Plymouth, 10c	85
	Amount carried forward	\$1,408 00

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$1,408 60
Dec. 11	T. C. Sherwood,	
12	For railroad fare, Plymouth to Detroit	85
	" " Detroit to Port Huron, \$1.46; dinner, 50c.	1 96
13	" " Port Huron to Detroit	1 46
	expense at Detroit	6 50
14	railroad fare, Detroit to Grand Rapids	4 50
	expense at Grand Rapids	3 50
17	railroad fare, Grand Rapids to Detroit, \$4.50; chair car, 25c.	4 75
19	expense at Detroit, \$10.50; Detroit to Plymouth, 65c.	11 15
20	railroad fare, Plymouth to Bay City, \$4.80; chair car, 25c.	3 05
	expense at Bay City, \$2.50; Bay City to Saginaw, 30c.	2 80
21	" Saginaw	3 50
	railroad fare, Saginaw to Ludington, \$4.00; chair car, 25c.	4 85
22	expenses at Ludington	2 50
23	railroad fare, Ludington to Detroit, \$7.00; chair car, 50c.	7 50
	" " Detroit to Pontiac	80
24	expense at Pontiac, \$1.00; Pontiac to Detroit, 80c.	1 80
27	" " Detroit to Plymouth, 65c.	9 90
	railroad fare, Plymouth to Detroit, 65c; expense at Detroit, \$4.50; Detroit to Lansing, \$2.55; chair car, 25c.	7 95
	typewriting, \$7.65; blank case, \$8.50; services of clerk in U. P. bank examinations (July), \$48.00.	64 15
Nov. 28	E. A. Sunderlin,	
Dec. 2	For street car, 5c, railroad fare, Grand Rapids, \$1.95; bus, 25c.	2 25
5	hotel at Grand Rapids	12 75
10	bus, 25c; railroad fare, Lansing, \$1.95; street car, 5c.	2 25
12	street car, 5c; railroad fare, Detroit, \$2.55; carriage, 25c.	2 85
17	hotel, \$15.75; bus, 25c.	16 00
	railroad fare to Lansing, \$2.55; carriage, 25c.	2 80
19	street car, 5c; railroad fare, Detroit, \$2.55; bus, 25c.	2 85
21	hotel, \$15.75; street car, 5c.	15 80
23	railroad fare to Lansing, \$2.55; carriage, 25c.	2 80
26	carriage, 25c; railroad fare, Bay City, \$2.15; street car, 5c.	2 45
	hotel at Bay City, \$4.50; bus, 25c.	4 75
	railroad fare to Lansing, \$2.15; carriage, 25c.	2 40
	carriage, 25c; railroad fare, Chelsea, \$1.75.	2 00
	hotel, \$1.00; railroad fare, Lansing, \$1.75; carriage, 25c.	3 00
	carriage, 25c; railroad fare, Detroit, \$2.55; bus, 25c.	3 05
	Commissioner of Banking,	
	For postage	25 00
	Seymour Foster, P. M.,	
	For rent of box 464, Commissioner of Banking	75
	Michigan Bell Telephone Co.,	
	For messages from November 5 to 25, inclusive	1 20
<i>Allowed January 25, 1893.</i>		
28	T. C. Sherwood,	
Jan. 2	For railroad fare, Lansing to Detroit, \$2.55; chair car, 25c; expense at Detroit, \$11.50	14 30
4	" " railroad fare, Detroit to Plymouth	65
7	" " Plymouth to Detroit, 65c; expense at Detroit, \$7.25	7 90
10	" " Detroit to Lansing, \$2.55; chair car, 25c; expenses at Lansing, \$3.00	5 80
12	" " Lansing to Detroit, \$2.55; expenses at Detroit, \$6.50	9 05
16	" " Detroit to Plymouth, 65c; Plymouth to Detroit, 65c.	1 30
20	expenses at Detroit, \$3.00; Detroit to Lansing, \$2.55; chair car, 25c.	5 80
24	Lansing to " \$2.55; chair car, 25c; (14) expense at Detroit, \$5.50	8 30
28	Detroit to Plymouth, 65c; (16) Plymouth to Lansing, \$1.90	2 55
	chair car, 25c; (18) Lansing to Grand Rapids, \$1.95.	2 20
	expense at Grand Rapids, \$5.50; Grand Rapids to Detroit, \$4.50	10 00
	chair car, 25c; (23) expense at Detroit, \$9.50; Detroit to Plymouth, 65c.	10 40
	Plymouth to Lansing, \$1.90; chair car, 25c.	2 15
	3 telegrams, 81c; 2 telegrams, 40c.	1 21
Dec. 24	L. M. Sherwood,	
26	For street car, 10c; Lansing to Detroit, \$2.55; street car, 5c; hotel, Detroit, \$6.75.	9 40
28	" " 5c; Detroit to Kalamazoo, \$1.30; bus, 25c.	4 60
	hotel, Kalamazoo, \$1.00; bus, 25c; Kalamazoo to Jackson, \$2.00	6 25
	supper, 50c; Jackson to Lansing, \$1.10; carriage, 25c.	1 85
	carriage, 25c; Lansing to Durand, 65c; and to Ithaca, \$1.30.	2 20
	bus, 25c; hotel, Ithaca, \$1.00; bus, 25c; Ithaca to Durand, \$1.30.	2 80
	supper, 50c; Durand to Lansing, 65c; carriage, 25c; 2 telegrams, 50c.	1 90
	Amount carried forward	\$1,765 43

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1893.</i>		
	Amount brought forward.....	\$1,765 43
Dec. 28	E. A. Sundarlin, For telegram, 25c; bus, 25c; railroad fare, Pontiac and return, \$1.00; supper and bus, 95c.....	3 05
29	hotel, Detroit, \$7.50; bus, 25c; railroad, Plymouth, 65c; dinner and bus, 75c; railroad fare, Lansing, \$1.90; carriage, 25c.....	11 30
Jan. 23	Commissioner of Banking, For postage for month of February, 1893.....	15 00
	Michigan Bell Telephone Co., For messages from October 15, 1892, to December 31, inclusive.....	3 15
	American Express Co., For express from November 28, 1892, to January 18, 1893, inclusive.....	70
<i>Allowed February 23, 1893.</i>		
Feb. 28	Helen Torrey, For typewriting.....	12 50
20	Commissioner of Banking, For postage.....	20 00
Jan. 25	T. C. Sherwood, For railroad fare, Lansing to Jackson, \$1.10; (28) expense at Jackson, \$3.25.....	4 35
	" " Jackson to Tecumseh, \$1.00; dinner, 50c.....	1 50
	" " Tecumseh, \$3.30; (28) expense at Detroit, \$9.25.....	9 55
	" " Detroit to Plymouth, 65c; (30) Plymouth to Detroit, 65c.....	1 30
Feb. 2	expense at Detroit, \$9.50; Detroit to Lansing, \$2.55; chair car, 25c.....	13 30
	Lansing to Plymouth, \$1.90; (6) Plymouth to Detroit, 65c.....	2 55
7	expense at Detroit, \$3.50; Detroit to Chicago, \$7.75; chair car, \$1.50.....	12 75
10	" " Chicago, \$9.50; hack, \$1.50; Chicago to Detroit, \$7.75.....	13 75
	chair car, \$1.50; (11) expense at Detroit, \$3.00; Detroit to Plymouth, 65c.....	5 15
13	Plymouth to Detroit, 65c; (14) Detroit to Lansing, \$2.55; chair car, 25c.....	3 45
	Lansing to Detroit, \$2.55; chair car, 25c.....	2 80
18	expense at Detroit, \$16.50; Detroit to Plymouth, 65c.....	17 15
20	Plymouth to Lansing.....	1 00
	4 telegrams, \$1.39; 2 telegrams, 50c.....	1 89
15	E. A. Sundarlin, For street car, 5c; railroad, Detroit, \$2.55; bus, 25c.....	2 85
18	hotel, Detroit, \$9.25; bus, 25c; railroad, Lansing, \$2.55; carriage, 25c.....	13 80
20	street car, 5c; railroad, Detroit, \$2.55; bus, 25c.....	2 85
10	Seymour Foster, For rent of box 464 for quarter ending March 31, 1893.....	75
	Western Union Telegraph Co., For messages from November 10 to 28, 1892, inclusive.....	75
	" " January 2 to 24, 1893, ".....	1 25
	" " December 5 to 29, 1892, ".....	3 95
	American Express Co., For express from January 23 to February 1, 1893, inclusive.....	50
	Michigan Bell Telephone Co., For messages from January 5 to 21, 1893, inclusive.....	1 25
<i>Allowed March 29, 1893.</i>		
31	L. M. Sherwood, For street car, 5c; Lansing to Detroit, \$2.55; bus, 25c.....	2 85
24	hotel, Detroit, \$12.00; bus, 25c; Detroit to Lansing, \$2.55.....	14 80
	carriage, 25c; Mar. 3, street car, 5c; Lansing to Grand Rapids, \$1.95.....	2 25
Mar. 3	" " 25c; hotel, \$1.50; bus, 25c; Grand Rapids to Lansing, \$1.95.....	3 95
4	" " 25c; carriage, 25c; Lansing to Bay City, \$2.15.....	2 65
	supper, 50c; Bay City to Gaylord, \$3.55; sleeper, \$1.50.....	5 55
5	hotel, \$1.00; Gaylord to Bay City, \$3.55; parlor car, 50c.....	5 05
	bus, 25c; hotel Bay City, \$1.50; bus, 25c; Bay City to Lansing, \$2.15.....	4 15
	carriage, 25c; 30th, Lansing to Grand Rapids, \$1.95.....	2 20
20	hotel, Grand Rapids, \$1.50; Grand Rapids to Lansing, \$1.95.....	3 45
	carriage, 25c; 22d, hack, 25c; Lansing to Schoolcraft, \$1.48.....	1 98
22	parlor car, 25c; lunch, Battle Creek, 35c; bus, 25c; hotel, Schoolcraft, \$1.00.....	1 85
	bus, 25c; Schoolcraft to Lansing, \$1.48; parlor car, 25c.....	1 98
	lunch, Battle Creek, 25c; carriage, 25c; 2 telegrams, 50c.....	1 09
Feb. 20	T. C. Sherwood, Lansing to Detroit, \$2.55; chair car, 25c; expense at Detroit, \$17.50.....	20 80
	Detroit to Flint, \$2.15; dinner, 50c; Flint to Plymouth, \$1.50.....	4 15
27	Plymouth to Detroit, 65c; 23th, Detroit to Lansing, \$2.55; chair car, 25c.....	3 45
	Lansing to Detroit, \$2.55; chair car, 25c.....	2 80
Mar. 4	Expense at Detroit, \$15.75; Detroit to Plymouth, 65c.....	16 40
6	Plymouth to Detroit, 65c; 7th, Detroit to Lansing, \$2.55; chair car, 25c.....	3 45
	Lansing to Detroit, \$2.55; chair car, 25c; 9th, expense at Detroit, \$10.50.....	13 90
	Total for printing.....	\$2,071 03

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 9	Amount brought forward	\$2,071 08
	T. C. Sherwood,	
14	For Detroit to Plymouth, 65c; 13, Plymouth to Detroit, 65c	1 30
	Lansing, \$2.55; chair car, 25c; Lansing to Detroit, \$2.55	5 35
	chair car, 25c; 16th, Detroit to Mt. Clemens and return, \$1.00	1 33
20	hack, \$1.00; 17th, expense at Detroit, \$12.50; Detroit to Plymouth, 65c	14 15
	Plymouth to Detroit, 65c; 24th, expense at Detroit, \$15.25	15 90
25	7 telegrams and telephone messages	1 97
Feb. 24	Lansing to Plymouth, \$1.90; chair car, 25c	2 15
	E. A. Sunderlin,	
	For hotel, Detroit, \$12.75; bus, 25c; railroad to Lansing, \$2.55; carriage, 25c; telegram, 25c	16 05
27	street car, 5c; railroad, Detroit, \$2.55; bus, 25c	2 85
Mar. 4	hotel, Detroit, \$15.75; bus, 25c; railroad to Lansing, \$2.55; street car, 5c	18 60
6	street car, 5c; railroad, Detroit, \$2.55; bus, 25c	2 85
9	hotel, \$10.50; bus, 25c; railroad, Lansing, \$2.55; parlor car, 25c; carriage, 25c	13 55
13	street car, 5c; railroad, Detroit, \$2.55; parlor car, 25c; bus, 25c	8 10
17	hotel, \$12.75; bus, 25c; railroad, Lansing, \$2.55; street car, 5c	15 60
20	street car, 5c; railroad, Detroit, \$2.55; bus, 25c; telegram, 25c	3 10
24	hotel, \$12.00; railroad, Lansing, \$2.55; carriage, 25c; (27) street car, 5c; Detroit, \$2.55; bus, 25c	17 90
	blank case for examiner	8 00
28	Commissioner of Banking,	
	For postage	40 00
	National Express Co.,	
	For express from Detroit	65
	American Express Co.,	
	For express from March 2, 1898, to 13 inclusive	75
	Western Union Telegraph Co.,	
	For messages from February 8, 1898, to 28 inclusive	1 00
	Michigan Bell Telephone Co.,	
	For messages from February 3, 1898, to 21 inclusive	1 20
	<i>Allowed April 26, 1898.</i>	
Mar. 27	T. C. Sherwood,	
	For Plymouth to Detroit, 65c; (29) Detroit to Lansing, \$2.55; chair car, 25c	3 45
29	Lansing to Detroit, \$2.55; chair car, 25c; (April 1) expense at Detroit, \$14.50	17 05
	Detroit to Plymouth	65
Apr. 4	Plymouth to Detroit, 65c; (5) expenses at Detroit, \$3.00; Detroit to Lansing, \$2.55	6 20
5	chair car, 25c; Lansing to Hillsdale, \$1.90; (6) expense at Hillsdale, \$2.50	4 65
	Hillsdale to Detroit, \$2.75; (8) expenses, Detroit, \$5.50	8 25
8	Detroit to Plymouth, 65c; (10) Plymouth to Wayne, 25c	90
	dinner and hack, \$1.00; Wayne to Detroit, 55c; (11) extra at Detroit, \$3.00	4 55
11	Detroit to Lansing, \$2.55; chair car, 25c; Lansing to Detroit, \$2.55	5 35
14	expense at Detroit, \$7.50; Detroit to Ypsilanti, 90c	8 40
	Ypsilanti, \$1.25; Ypsilanti to Plymouth, 60c	1 55
16	Plymouth to Lansing, \$1.90; chair car, 25c; (20) expense at Lansing, \$3.75	10 90
	Lansing to Jackson, \$1.10; (21) expense at Jackson, \$2.75	8 85
	Jackson to Tecumseh, \$1.00; expenses at Tecumseh, \$1.00	2 00
22	Tecumseh to Detroit, \$3.30; chair car, 50c; (22) expense at Detroit, \$3.25	7 05
24	Detroit to Plymouth, 65c; (24) Plymouth to Lansing, \$1.90; chair car, 25c	2 80
	hack, 25c; 3 telegrams, 85c; 2 telephones, 45c	1 55
	Commissioner of Banking,	
	For postage for mailing reports	60 00
15	L. M. Sherwood,	
	For carriage, 25c; railroad to Grand Ledge, 35c; bus, 25c	85
	hotel, Grand Ledge, \$1.00; bus, 25c; railroad, Lansing, 35c	1 60
	carriage	25
Mar. 30	E. A. Sunderlin,	
	For hotel, Detroit, \$10.50; bus, 25c; railroad, Lansing, \$2.55; street car, 5c	13 35
Apr. 3	street car, 5c; railroad, Lowell, \$1.60; bus, 25c	1 90
4	hotel, \$3.00; railroad, Durand, \$2.15	5 15
5	hotel, \$2.00; railroad, Lansing, 65c; street car, 5c	2 70
6	street car, 5c; railroad, Hillsdale, \$1.90; dinner, 50c; railroad, Lansing, \$1.90; carriage, 25c	4 60
10	street car, 5c; railroad, Belding, \$1.60	1 65
13	hotel, Belding, \$4.00; railroad, Ionia, 45c	4 45
	Ionia, \$1.00; railroad, Lansing, \$1.15; carriage, 25c	2 40
14	railroad, Eaton Rapids, 50c; bus, 25c	75
15	hotel, \$2.50; railroad, Lansing, 50c; carriage, 25c	3 25
	American Express Co.,	
	For express from April 6 to 14, 1898, inclusive	63
	Amount carried forward	\$2,103 29

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$2,108 29
Apr. 15	Western Union Telegraph Co., For messages from March 3, 1893, to 23 inclusive	1 50
	Michigan Bell Telephone Co., For messages from March 6, 1893, to 23 inclusive	1 55
	<i>Allowed May 31, 1893.</i>	
28	T. C. Sherwood, For expense at Lansing, \$8.50; Lansing to Detroit, \$2.55	11 05
	chair car, 25c; (29) expense at Detroit, \$3.50	3 75
	Detroit to Plymouth, 65c; (30) Plymouth to Lansing, \$1.90	2 55
May 4	hack, \$1.25; (5) expense at Lansing, \$9.50; Lansing to Detroit, \$2.55	13 80
6	expense at Detroit, \$3.00; Detroit to Plymouth, 65c	3 65
8	Plymouth to Lansing, \$1.90; (9) expense at Lansing, \$2.50	4 40
9	Lansing to Grand Rapids, \$1.95; (10) expense at Grand Rapids, \$3.50	5 45
	Grand Rapids to Detroit, \$4.50; (11) expense at Detroit, \$3.50	8 00
11	Detroit to Mt. Clemens and return, \$1.08; hack, 50c; dinner, 50c	2 08
13	expense at Detroit, \$6.50; Detroit to Plymouth, 65c	7 15
15	Plymouth to Lansing, \$1.90; (17) expense at Lansing, \$5.00	6 90
	Lansing to Detroit, \$2.55; (20) expense at Detroit, \$9.00	11 55
20	Detroit to Lansing, \$2.55; chair car, 25c; dinner, 50c; Lansing to Plymouth, \$1.90	5 20
	chair car, 25c; (22) Plymouth to Detroit, 65c; dinner, \$1.00	1 90
22	Detroit to Lansing, \$2.55; chair car, 25c; (26) expense at Lansing, \$3.50	12 30
26	Lansing to Detroit, \$2.55; (27) expense at Detroit, \$3.50	6 05
27	Detroit to Plymouth, 65c; (29) Plymouth to Detroit, 65c	1 30
	dinner and hack, \$1.50; Detroit to Adrian, \$1.70	3 20
30	expense at Adrian, \$2.25; Adrian to Blissfield, 30c	2 55
	Blissfield to Hudson, 80c; dinner and hack, 75c; Hudson to Hillsdale, \$3.00	4 55
	Hillsdale to Lansing, \$1.90; 5 telegrams, \$1.47; 4 telephones, 95c	4 32
11	L. M. Sherwood, For hack, 25c; Lansing to Belding, \$1.60; expense at Belding, \$1.00	2 85
	Belding to Lansing, \$1.60; supper at Ionia, 50c; hack, 25c	2 35
15	hack, 25c; Lansing to Chicago, \$5.05; parlor car, \$1.00; dinner, \$1.00	7 80
	50c; (17) expense at Chicago, \$7.50; hack, 50c	8 50
17	Chicago to Ironwood, \$11.48; sleeper, \$2.00; supper on train, \$1.25	14 73
18	expense at " \$4.50; Ironwood to Chicago, \$11.48	15 98
	sleeper, \$2.00; supper on train, \$1.00; breakfast Milwaukee, 75c	3 75
19	hack, 50c; (21) expense at Chicago, \$9.00; hack, 50c	10 00
21	Chicago to Lansing, \$5.05; parlor car, \$1.00; supper on train, \$1.00	7 05
	hack, 25c; 3 telegrams, 75c	1 00
29	postage	25 00
2	Marie Benwick, For services as stenographer in taking and transcribing testimony of directors Michigan Savings bank	3 00
22	E. A. Sunderlin, For carriage, 25c; fare Flint, 99c; bus, 25c	1 49
26	bus, 25c; hotel, \$3.00; fare Lansing, 99c; carriage, 25c	9 49
29	street car, 5c; fare Williamston and return, 90c; hotel, 50c; street car, 5c	1 50
	American Express Co., For express from April 23 to May 26, 1893, inclusive	14 10
	Western Union Telegraph Co., For messages from April 5 to 29, 1893, inclusive	2 99
	Postal Telegraph Co., For messages from April 17 to 18, 1893	89
	Michigan Bell Telephone Co., For messages from April 5 to 29, 1893, inclusive	75
26	L. E. Bowley, P. M., For rent of box No. 464 for quarter ending June 30, 1893	75
	<i>Allowed June 29, 1893.</i>	
June 10	R. L. Polk & Co., For 1 copy Michigan Gazetteer, 1893-4	5 00
1	E. A. Sunderlin, For carriage, 25c; railroad, Mt. Pleasant, \$2.80	3 05
2	expense, Mt. Pleasant, \$1.50; railroad, Fowler, \$2.65	5 15
3	" Fowler, \$2.00; railroad, Lansing, \$1.75; carriage, 25c	4 00
8	carriage, 25c; railroad, Hart, \$1.85; dinner and supper, \$1.25	5 85
7	expense at Hart, \$3.00; railroad, Whitehall, 75c; dinner and breakfast, 75c; railroad, Muskegon, 50c; bus, 25c	5 25
9	expense, Muskegon, \$5.25; bus, 25c; railroad, Lansing, \$3.15; supper, Grand Rapids, 50c; carriage, 25c	9 40
	Amount carried forward	\$2,135 55

State Banking Department vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed June 28, 1893.</i>		
	Amount brought forward	\$2,185 55
June 12	E. A. Sunderlin, For street car, 5c; railroad, Mason and return, 70c; stenographer, \$1.20; tele- phone, 25c; supper, 50c; street car, 5c	2 55
13	carriage, 25c; railroad, Chicago, \$5.05; parlor car, \$1.00; bus, 50c	6 80
14	expense, Chicago, \$4.50; railroad, Crystal Falls, \$9.83; sleeping car, \$3.00; parlor car, 25c	16 53
16	expense, Crystal Falls, \$4.00; railroad, Chicago, \$9.83; sleeper, \$2.00; supper on train, 75c; carriage, 50c	17 08
17	expense, Chicago, \$5.25; railroad, Lansing, \$5.05; sleeper, \$2.00; telegram, 65c; carriage, 25c	18 20
19	expense, Saginaw, \$1.50; bus, 25c; railroad, Midland and return, \$1.20; din- ner, 50c; street car, 5c	3 50
20	carriage, 25c; railroad, Saginaw, \$1.35; supper on train, 75c; bus, 25c	3 10
23	expense, Saginaw, \$3.25; railroad, Midland and return, \$1.20; dinner, 50c; street car, 10c	10 05
24	expense, Saginaw, \$3.25; railroad, Lansing, \$1.35; carriage, 25c	4 85
May 31	T. C. Sherwood, For expense at Lansing, \$2.00; Lansing to Detroit, \$2.55; chair car, 25c	4 80
June 3	" " Detroit, \$3.50; hack, 50c; Detroit to Lansing, \$2.55; chair car, 25c	11 80
	Lansing to Plymouth, \$1.50; (June 5) Plymouth to Rochester, N. Y., \$10.73, limited	13 98
5	dinner and supper, \$2.00; (7) expense at Rochester, \$6.50; Rochester to Buffalo, \$1.85; (8) expense at Buffalo, \$3.50	13 98
8	Buffalo to Detroit, \$5.25; (10) expense at Detroit, \$6.50	14 75
10	Detroit to Plymouth, 65c; (12) Plymouth to Lansing, \$1.90	2 55
12	Lansing to Detroit, \$2.55; chair car, 25c; (17) expense at Detroit, \$17.50	20 80
17	Detroit to Plymouth, 65c; (19) Plymouth to Detroit, 65c	1 30
19	typewriting, \$3.25; Detroit to Chicago, \$7.75; dinner and supper, \$2.00	13 00
	chair car, \$1.50; (20) expense at Chicago, \$39.75	41 25
26	Chicago to Detroit, \$7.75, limited train fare; dinner, \$1.00	10 75
27	expense at " \$2.50; Detroit to Lansing, \$2.55	5 05
	4 telegrams, \$1.23; 5 telephones, \$1.40	2 63
	Western Union Telegraph Co., For messages from May 1 to 30 inclusive	9 05
9	L. M. Sherwood, For hack, 25c; Lansing to Jackson, \$1.10; Jackson to Kalamazoo, \$2.00	3 35
	limited train fare, 50c; dinner on train, \$1.00; bus, 25c	1 75
	hotel, 50c; bus, 25c; Kalamazoo to Battle Creek, 75c; bus, 25c	1 70
	lunch Battle Creek, 40c; Battle Creek to Lansing, 90c	1 30
	hack, 25c; (13) hack, 25c; Lansing to Grand Rapids, \$2.00	2 50
13	parlor car, 25c; dinner, 75c; Grand Rapids to St. Joseph, \$2.65	3 65
	chair car, 50c; bus, 25c; hotel, St. Joseph, \$1.00; bus, 25c	2 00
14	St. Joseph to Grand Rapids, \$2.65; chair car, 50c; bus, 25c	3 40
	hotel at Grand Rapids, \$2.25; bus, 25c; Grand Rapids to Lansing, \$2.00	4 50
26	chair car, 25c; hack, 25c; (June 26) hack, 25c	75
	Lansing to Lake Odessa, \$1.00; bus, 25c; hotel, \$1.00; Lake Odessa to Lan- sing, \$1.00	3 25
27	hack, 25c; telegram, 25c	50
	postage	20 00
	Michigan Bell Telephone Co., For messages from May 2 to 29, 1893, inclusive	3 35
	American Express Co., For express from May 27 to June 23, 1893, inclusive	2 10
	Total for general allowance	\$2,167 81
PRINTING.		
<i>Allowed August 31, 1892.</i>		
July 27	Robert Smith & Co., For 200 blanks opening of Sav. Dept., sam. 29	\$2 15
	paper for same	50
Aug. 11	600 abstract of reports, sam. 14	1 75
	paper for same	1 40
16	400 circulars, sam. 14	1 45
	paper for same	1 00
<i>Allowed September 28, 1892.</i>		
Sept. 9	Robert Smith & Co., For 1,000 blank requests, sam. 14	2 35
	paper for same	2 00
	Amount carried forward	\$12 80

State Banking Department vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Dec. 8	Amount brought forward	\$12 60
	Robert Smith & Co.,	
	For 200 circulars requesting statements, sam. 13	70
	500 " and meeting, election, etc., sam. 13	1 00
	paper for statements, 30c; election, etc., 75c	1 05
	reports of earnings, etc., sam. 25	2 05
	paper for same	8 50
	<i>Allowed March 29, 1893.</i>	
Mar. 22	Robert Smith & Co.,	
	For composition on 3,300 copies of report from page 1 to 128, 124,476 ems @ 27c	386 08
	presswork, 224 tokens @ 15c	33 60
	<i>Allowed April 26, 1893.</i>	
Apr. 18	Robert Smith & Co.,	
	For composition 3,300 copies of report from 129 to 294, 1,656,738 ems @ 27c	447 32
	presswork, 294 tokens @ 15c	44 10
	<i>Allowed May 31, 1893.</i>	
May 23	Robert Smith & Co.,	
	For composition on 3,300 copies of report from page 23 to 26, 44,083 ems @ 27c	11 89
	presswork, 14 tokens @ 15c	2 10
	400 covers 4 annual report, sam. 31	1 15
Apr. 26	100 ruled paper, sam. 37	2 30
	paper for same	1 75
	500 reports national bank, sam. 25	1 48
	paper for same	50
	500 envelopes and printing on same	1 00
	<i>Allowed June 28, 1893.</i>	
June 9	Robert Smith & Co.,	
	For 400 abstract sheets, sam. 15	1 95
	paper for same	75
	Total for printing	\$907 50
	BINDING.	
	<i>Allowed May 31, 1893.</i>	
Apr. 24	Robert Smith & Co.,	
	For binding 435 reports—paper, sam. 1	\$4 35
	700 " cloth, " 4	70 00
5	ruling 1,000 blanks	2 00
	blocking 1,000 blanks into 10 blocks, sam. 46	50
	binding 100 reports, full sheep, sam. 8	37 50
12	15 " Mo., sam. 15	22 50
	stamping name on 14, sam. 52	1 40
18	lettering name on report, sam. 52	10
	<i>Allowed June 28, 1893.</i>	
June 16	Robert Smith & Co.,	
	For binding 3 reports, full sheep, sam. 7	80
	" 2 Michigan Bankers Association, sam. 8	75
	Total for binding	\$129 90
	STATIONERY.	
	<i>Allowed December 28, 1892.</i>	
Dec. 1	A. M. Emery,	
	For gross rubber bands, No. 14 @ 12c; gross No. 30 @ 40c	\$0 52
	mucilage, 25c; 3 tablets, paper, \$1.00	1 25
	<i>Allowed February 23, 1893.</i>	
1892.	Ihling Bros. & Everard,	
Dec. 28	For 1/4 gross Faber's pencils @ \$3.10	1 58
	" 1/4 gross " " " @ \$4.40	1 10
Feb. 16	Theo. L. Backus,	
	For 1 letter press	8 00
	2 500 p. 10x12 letter books @ \$1.50	3 00
	1 water bowl	50
	1 copy brush	25
	Amount carried forward	\$16 15

State Banking Department vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed February 23, 1896.</i>	
	Amount brought forward	\$16 15
Feb. 16	Theo. L. Backus,	
	For 1 pint Stafford's ink	50
	500 763-8½ Government envelopes @ \$1.42	71
	500 No. 27 linen " @ \$1.80	90
	250 763-10 Government " @ \$2.35	59
	250 763-11 " @ \$2.95	74
	2 reams 8a typewriter paper ruled to order @ \$8.60	7 20
	<i>Allowed May 31, 1896.</i>	
Mar. 23	Theo. L. Backus,	
	For 1 M 8½x10½ heavy manilla envelopes, open ends	9 00
	Total for stationery	\$85 79
	RECAPITULATION.	
	General allowance	\$3,010 12
	Printing	907 50
	Binding	139 90
	Stationery	85 79
	Total allowance for State Banking Department	\$4,093 31

Bureau of Labor vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 6	Jas. F. Brown, For repairing typewriter.....	\$0 50
	Telegraph & Telephone Construction Co., For rent of telephone from July 1 to October 1, 1892.....	10 00
	Michigan Bell Telephone Co., For messages for June.....	80
	United States Express Co., For express, June 27 to July 19.....	2 78
	American Express Co., For express, June 28 to July 22.....	5 89
	R. L. Polk & Co., For 1 copy of Lansing city and Ingham county directory, 1892, as per contract.....	5 00
	<i>Allowed August 31, 1892.</i>	
Aug. 25	Milo E. Marsh, For 1,000-mile ticket D., L. & N. B. R.....	20 00
	Henry A. Robinson, For 1,000-mile ticket D., L. & N. B. R.....	20 00
	Seymour Foster, For rent of P. O. drawer "P" for quarter ending Sept. 30.....	1 00
July 12	American Express Co., For express July 30 to Aug. 27.....	2 41
Aug. 22	Michigan Bell Telephone Co., For messages.....	25
	R. L. Polk & Co., For 1 copy Detroit city directory, 1892.....	6 00
	<i>Allowed September 28, 1892.</i>	
Sept. 11 and 12	Milo E. Marsh, For traveling expenses for Bureau of Labor, Grand Rapids, Transcript, Register of Deeds: hotel, \$5.00; street car, 10c.....	5 10
19-20	Charlotte, cost of living, work, hotel and restaurant.....	1 50
21-24	street car, Lansing.....	10
	Grand Ledge, Ionia and Grand Rapids on cost of living and transcripts, hotel, \$2.50; horse keep, \$1.75.....	4 25
	street car, 5c; hotel, 50c; bus, 15c.....	70
June & July August	postage, special delivery and return.....	2 70
	Edward S. Grece, For telephones from December 19 to April 29 to Labor Bureau from Com'r Rob- inson at Detroit.....	1 75
	United States Express Company, For express, August 30 to September 13.....	1 25
Aug. 30	express July 25 and Aug. 8 to 20.....	3 93
	Michigan Bell Telephone Co., For messages for August.....	1 10
	American Express Co., For express Sept. 16 and 17.....	53
	<i>Allowed October 26, 1892.</i>	
Oct.	National Association of Commissioners, For membership fee.....	5 00
	Bureau of Labor, For postage, 1 cent stamps.....	25 00
	special delivery stamps.....	5 00
Aug. 18	Henry A. Robinson, For from Aug. 30 to Oct. 22, 1892, to Detroit and return, six trips. 1,020 miles.....	5 00
Sept. 30	hotel at Grand Rapids.....	20 00
	1 M mile book, D., L. & N. R'y.....	
	Milo E. Marsh, For traveling expenses for Labor Bureau: hotel, Battle Creek and Owosso, 50c; street car, 10c.....	60
Oct. 1	bus, 15; horse, \$1.00.....	1 50
12	hotel, Howell, (cost of living).....	1 15
13	.....	2 00
	.....	2 50
	Amount carried forward.....	\$166 02

Bureau of Labor vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$166 02
Oct. 19	Milo E. Marsh,	
	For hotel, Durand and Bancroft	2 50
20	" Laingsburg and Bath	2 50
21	" Charlotte, 75c; bus, 15c	90
22	" Grand Rapids, 35c; street car, 5c	40
23-24	" " and Oakdale	2 50
24	bus, Charlotte	5 00
	American Express Company	15
	For express from September 29, to Oct. 18	48
Sept. 19	National Express Company,	
	For express received	12
Oct. 17	United States Express Co.,	
	For express	43
	Michigan Bell Telephone Co.,	
	For messages for September	75
	Telegraph & Telephone Construction Co.,	
	For rental of telephone from October 1, 1892, to January 1, 1893	10 00
	<i>Allowed November 29, 1892.</i>	
25	Henry A. Robinson,	
	For 5 trips to Detroit and return	17 00
	Grand Rapids and return, 130 miles	2 80
	" Ledge " 20 "	40
July 30	Port Huron and return from Lansing, 3 trips, 690 miles	12 80
Nov. 25	Lansing to Battle Creek, 90 miles	1 80
	" " 90 "	1 80
	Lapeer and return, 138 miles	2 76
	Flint " 100 "	2 00
	hotel at Port Huron	4 00
	" Battle Creek	1 50
	hack	50
	restaurant Flint	1 00
	<i>Allowed December 26, 1892.</i>	
Dec. 17	Milo E. Marsh,	
and 18	For traveling expenses Labor Bureau:	
	hotel at Grand Rapids on building trades, etc.	8 50
17	Henry A. Robinson,	
	For car fare, New York from Lansing, \$17.80; sleeper and parlor car, \$3.50	20 80
19	" " " to Washington, \$6.50; " \$2.00	8 50
	" " Washington to Lansing, \$16.55; " \$2.00	18 55
	hotel and restaurant, \$10.00; street car fare, 25c	10 25
26	Seymour Foster, P. M.,	
	For rent of drawer "P" for Labor Bureau for quarter ending Dec. 31, 1892	1 00
	Michigan Bell Telephone Company,	
	For messages from Nov. 1 to 22, inclusive	1 65
	<i>Allowed January 25, 1893.</i>	
Jan. 7	Henry A. Robinson,	
	For railroad fare, Lansing to Detroit and return	4 60
13	" " " " " "	4 60
	United States Express Co.,	
	For express from November 29 to January 18, 1893, inclusive	3 30
	National Express Co.,	
	For express from Dec. 27, 1892, to Jan. 19, 1893, inclusive	23 88
	American Express Co.,	
	For express from November 29, 1892, to December 21, inclusive	25
	Michigan Bell Telephone Co.,	
	For messages from December 10 to 31, 1892, inclusive	1 25
	<i>Allowed February 23, 1893.</i>	
	Labor Bureau,	
	For postage for mailing report of Labor Bureau	100 00
Feb. 10	Seymour Foster, P. M.,	
	For rent of drawer "P" for Labor Bureau for quarter ending March 31, 1893	1 00
	United States Express Co.,	
	For express from January 26 to February 13, 1893, inclusive	1 45
Jan. 21	A. M. Emery,	
	For 1-6 dozen 24-inch rulers, item 110	35
Feb. 16	2 " blue pencils, " 82 B	75
	Amount carried forward	\$446 54

Bureau of Labor vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 22, 1893.</i>	
Feb. 16	Amount brought forward	\$484 54
	American Express Co., For express from February 1 to 11, 1893, inclusive.....	95
	Michigan Bell Telephone Co., For messages from November 9, 1892, to 31, inclusive.....	1 75
	<i>Allowed March 29, 1893.</i>	
24	H. A. Robinson, For Detroit and return.....	4 60
Mar. 17	" " "	4 60
Feb. 8	" " "	4 60
16	" " "	4 60
	meals	1 50
Mar. 8	Milo E. Marsh, For fare to Detroit and return.....	4 60
	restaurant, 50c; street car, 15c.....	65
19	hotel, \$2.50; street car, 10c.....	2 60
1 to 20	special delivery stamps and return stamp	1 75
	U. S. Express Co., For express from February 18, 1893, to March 21 inclusive.....	2 50
	American Express Co., For express from February 22, 1893, to March 27 inclusive.....	1 65
	Michigan Bell Telephone Co., For messages from February 3, 1893, to 23 inclusive.....	1 25
	<i>Allowed April 26, 1893.</i>	
Feb. 2	Huber & Metzger, For 1 No. 2 Remington typewriter.....	\$97 50
	less 10%	9 75
		\$87 75
	by old calligraph No. 6671	23 75
Apr. 15	Milo E. Marsh, For hotel at Grand Rapids.....	65 00
	street car	1 00
16	hotel at Grand Rapids.....	10
17	"	50
	street car " "	2 50
	U. S. Express Co., For express from March 30, 1893 to April 21 inclusive.....	05
	Michigan Bell Telephone Co., For messages from March 1, 1893 to April 23, inclusive.....	1 17
		1 50
	<i>Allowed May 31, 1893.</i>	
May 27	Chas. H. Morse, For fare to Owosso and return.....	1 60
29	hotel bill	1 50
	telegrams	52
31	1,000 mileage book on M. C. R'y.....	20 00
	1,000 " " C. & G. T.	20 00
17	Joseph W. Selden, For fare from Lansing to Grand Rapids	1 95
18	back and street car fare, hotel bill.....	4 25
	fare from Grand Rapids to Lansing.....	1 95
30	estimates for postage stamps and cards, stamps, \$50.00; postal cards, \$10.00.....	60 00
19	George Gunn, For car fare Grand Rapids to Holland and hotel bill.....	3 75
20	" " Holland to Grand Rapids, hotel bill.....	2 25
21	street car fare and hotel bill.....	2 10
22	car fare from Grand Rapids and hotel bill.....	3 20
23	hotel bill	3 00
24	car fare from Muskegon to Big Rapids	1 05
	Big Rapids to Cadillac.....	1 25
	hotel bill.....	1 75
	" " and telephoning.....	3 25
26	" "	3 00
27	car fare Cadillac to Grand Rapids.....	2 95
	hotel bill.....	1 50
9	street car and railroad fare from Lansing to Charlotte.....	43
	railroad fare from Charlotte to Grand Rapids.....	1 80
	street car and hotel bill from and including May 10 to and including May 18, 1893	15 10
	Amount carried forward	\$728 80

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$728 80
Apr. 28 and 29	Chas. L. Morse, For fare to Grand Rapids and return	8 90
	hotel bill and street car fare at Grand Rapids	1 75
May 18	fare to Detroit and return	5 80
	hotel bill and street car fare at Detroit	1 80
24	telegram	30
	Nick G. Osterhouse, For freight paid to D., L. & N. Co. on books shipped to Grand Rapids	1 70
	United States Express Co., For express from April 24 to May 24, 1898, inclusive	243 97
	National Express Co., For express from April 30 to May 23, 1898, inclusive	119 36
	American Express Co., For express from April 25 to May 25, 1898, inclusive	365 26
	D., L. & N. R. R. Co., For freight	8 84
	M. C. R. R. Co., For freight	1 00
	Michigan Bell Telephone Co., For messages from May 7 to 24, 1898, inclusive	1 00
26	L. E. Rowley, For rent of drawer P, for quarter ending June 30, 1898	1 00
	<i>Allowed June 26, 1898.</i>	
	Detroit, Bay City & Alpena R. R. Co., For freight on box books	96
June 18	R. L. Polk & Co., For 1 copy Michigan Gazetteer	5 00
12	George E. Gunn, For street car and railroad, Lansing to Jackson	1 42
	hotel bill	1 09
13	" " and street car	1 65
14	" " " "	1 60
15	" " railroad Jackson to Battle Creek	2 95
16	" " and street car	8 20
17	" " " "	2 28
18	" " railroad Battle Creek to Marshall	2 40
19	" " " "	2 00
20	" " railroad Marshall to Kalamazoo	8 60
21	" " " Kalamazoo to Niles	3 25
22	" " " "	1 50
27	Chas. H. Morse, For estimate for postage for month of July, 1898	100 00
	money paid for mileage on railroad, 8 thousand miles	60 00
5	telegrams	1 28
	expenses to Detroit and Pontiao: railroad fare, \$1.70; hotel, \$1.50; hack and car fare, 50c	8 70
4-7	expense to Saginaw: hotel, \$2.50; hack and car fare, 45c	2 95
16	" " " " " " " " " " " "	3 06
	Postal Telegraph Co., For message, May 25, 1898	27
	Joseph W. Seiden, For Lansing to Pontiao, fare, \$1.90; hotel, 50c; telegram, 25c; bus, 25c	2 90
23	Pontiao to Detroit, " 78c; " \$3.25; messenger, 30c; bus, 10c	4 43
24	Detroit to Saginaw, " \$3.20; " \$2.25; street car, 25c	5 70
26	Saginaw to Lansing, " \$2.00; " \$5.00; " 25c	8 25
27	Lansing to Detroit, " \$2.55; " \$2.00	4 55
May 24	" " " " " \$2.55; " \$1.25	3 80
	Detroit, Delray, Milwaukee Junction, Mt. Clemens and return, fare, \$1.65; street car, 20c; express, 80c; telegram, 25c	2 40
25	Detroit, street car, 25c; messenger, 30c	55
29	Detroit to Port Huron, fare, \$1.45; hotel, \$18.00	19 45
30	Port Huron to Saginaw, fare, \$2.70; hotel, \$2.00; street car, 30c	5 00
31	Saginaw to Port Huron and Detroit, fare, \$4.15; hotel, \$2.00; messenger, 30c	6 45
June 2	Detroit to Lansing, fare, \$2.55; hotel, \$3.00; street car, 20c; telegram, 25c	9 00
5	Lansing to Durand and return, fare, \$1.30; hotel, 50c; street car, 10c	1 90
6	" " " " " " " " " " " "	3 15
8	Detroit " Port Huron, fare, \$1.45; hotel, \$3.25; street car, 50c	7 20
9	Port Huron Ft. Gratiot Tunnel, C. & G. T. Junction, 75c; hotel, \$2.50; street car, 25c; telegram, 50c	4 00
10	Port Huron to Saginaw, fare, \$2.70; hotel, \$1.50; street car, 10c	4 30
	Amount carried forward	\$1,778 49

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
	Amount brought forward	\$1,773 49
June 11	Joseph W. Selden.	
	For Saginaw to Bay City and return, fare, 55c; hotel, \$2.75; street car, 20c	3 80
13	" " Lansing, fare, \$3.00; hotel, \$6.25; street car, 65c	8 90
16	Lansing " Pontiac, " \$1.90; " \$1.00; bus, 25c	3 15
17	Pontiac " Port Huron, fare, \$1.55; hotel, \$2.00; street car, 10c; bus, 25c	8 98
20	Port Huron to Lansing, " \$2.30; " \$1.00; telegram, 50c; bus, 75c	4 55
	Michigan Bell Telephone Co.,	
	For message, May 13, 1893	25
	American Express Co.,	
	For express from May 27 to June 26, 1893, inclusive	5 48
	United States Express Co.,	
	For express from May 26 to June 20, 1893, inclusive	6 97
	National Express Co.,	
	For express from June 2 to 15, 1893, inclusive	6 87
	Michigan Central R. R. Co.,	
	For freight, May 31, June 3 and 14, 1893	1 23
	Total for general allowance	\$1,818 72
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 5	Robert Smith & Co.,	
	For 1,100 blank receipts from State Treasurer, sam. 8	\$1 30
	1,000 large envelopes, No. 9, sam. 19	50
	2,000 " " " 10, " 19	1 00
	3,000 " " " 6, " 18	1 20
	4,000 " " " 6 1/4, " 18	1 00
15	270 working blanks, sam. 36	1 90
	270 " " " 36	1 90
	<i>Allowed August 31, 1892.</i>	
27	Robert Smith & Co.,	
	For 3,000 envelopes, sam. 18	2 00
28	500 circulars, letter No. 5, sam. 14	1 60
Aug. 5	3 engravings for report, Mulhall's estimate	18 00
19	1,000 1/4 note circulars, sam. 13	1 50
	paper for same	1 00
	<i>Allowed September 28, 1892.</i>	
Sept. 19	Robert Smith & Co.,	
	For alterations on copy of report, galleys 1 to 30, 6 hours @ 30c	1 80
	composition on 6,100 copies of report, from page 1 to 48, 494,816 ems @ 27c	123 60
	presswork, 156 tokens @ 15c	23 40
	<i>Allowed October 26, 1892.</i>	
27	Robert Smith & Co.,	
	For 6 cards, 14x20	1 25
	6 " 10x12	1 00
Oct. 12	4,000 circular letters, No. 6, sam. 14	6 85
	paper for same	4 00
17	alterations on copy of report, galleys 31 to 48, 8 1/4 hours @ 30c	2 55
18	composition on 6,100 copies of report, from page 49 to 128, 842,240 ems @ 27c	227 40
	presswork, 280 tokens @ 15c	39 00
	<i>Allowed November 29, 1892.</i>	
Nov. 28	Robert Smith & Co.,	
	For composition on 6,100 copies of report from page 129 to 272, 1,516,032 ems @ 27c	409 33
	presswork, 468 tokens @ 15c	70 20
21	6 1/4 sheet placards, not in contract	1 25
	alterations on report: galleys 47 to 80, 6 hours at 30	1 80
	<i>Allowed December 28, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 6,100 copies of report, from page 273 to 416, 1,516,062 ems @ 27c	409 33
	presswork on same, 468 tokens @ 15c	70 20
	alteration on copy as follows, viz.: galleys 81 to 86, galleys 87 to 89, galleys 90 to 95, galleys 96 to 101, galleys 102 to 118, galleys 119 to 129, galleys 130 to 141, galleys 142 to 157, galleys 158 to 170, 8 hours @ 30c	2 40
	Amount carried forward	\$1,438 66

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PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 17	Amount brought forward	\$1,488 86
	Robert Smith & Co.,	
	For composition on 6,100 copies of report from page 417 to 592, 1,852,928 ems @ 27c	500 29
	presswork, 572 tokens @ 15c	86 80
	alteration on copy as follows, viz.: Galleys 171 to 193, 1½ hours; galleys 194 to 211, 1½ hours; galleys 212 to 217, 1 hour; galleys 218 to 240, 1½ hours, 5½ hours @ 30c	1 65
19	1,000 errata slips for pages 368-9, sam. 8	1 20
	<i>Allowed February 25, 1898.</i>	
14	Robert Smith & Co.,	
	For composition on 6,100 reports from page 598 to 720, 1,338,151 ems @ 27c	361 30
	presswork, 416 tokens @ 15c	62 40
	alteration on copy as follows, viz.: Galleys 241 to 261, 2 hours; galleys 261 to 273, 1½ hours; galleys 274 to 283, 1½ hours; galleys 284 to 289, 1½ hours; galleys 290 to 301, 2 hours; galleys 302 to 308, 2 hours, 10½ hours @ 30c	3 15
	<i>Allowed March 25, 1898.</i>	
Feb. 27	Robert Smith & Co.,	
	For 4,200 blanks, receipts for report, sam. 13	4 70
	paper for same	3 30
	4,000 comp. slips, sam. 8	4 20
	paper for same	1 00
	alteration on copy as follows, galleys 309 to 324, 4½ hours; 325 to 332, 2 hours; page proof signatures No. 97 and 98, 2 hours; galleys 7 to 22 Part III, 3½ hours; to end of III, 2 hours; galleys 1 to 6, mortgages, 2½ hours; galleys 1 to 9 Part IV and matter suppressed, 4½ hours; galleys 1 to 12, Part IV, 3 hours; total, 24 hours @ 30c	7 20
Mar. 22	composition on 6,100 copies of report from page 721 to 1088, 3,101,902 ems at 27c	837 51
	presswork, 1,196 tokens @ 15c	179 40
	<i>Allowed April 26, 1898.</i>	
Apr. 17	Robert Smith & Co.,	
	For alteration on copy as follows; galleys 1 to 10, 5 hours; galleys 65 to 66, 2 hours, 7 hours @ 30c	2 10
18	composition on 6,100 copies of report from page 1089 to 1353 and context I to XII, 1,427,369 ems @ 27c	385 53
	presswork, 1,040 tokens @ 15c	156 00
	<i>Allowed May 31, 1898.</i>	
	Robert Smith & Co.,	
	For 200 circulars, distribution of reports, Grand Rapids, sam. 13	70
	200 " " " " Detroit, " 18	70
	100 " " " " Lansing, " 18	60
	1,000 letter heads, sam. 50	50
	5,000 envelopes, " 18	2 00
	500 blanks, No. 1, 1898, sam. 54	2 50
	500 circulars, letters No. 1, sam. 13	1 00
	1,000 blank forms, No. 2 " 25	2 08
	paper for same	1 00
	10,000 blank forms, No. 3, sam. 26	13 88
	paper for same	16 80
	<i>Allowed June 28, 1898.</i>	
June 9	Robert Smith & Co.,	
	For 500 appt. of canvassers, sam. 14	1 60
	paper for same	1 25
	500 circulars, No. 2, 1898, sam. 13	1 00
	paper for same	50
	200 note heads, sam. 49	18
	200 letter heads, " 49	27
	1,000 " " " 49	90
	paper for same	1 25
	850 postal cards, sam. 8	1 10
	150 " " " 8	40
	500 ¼ note circulars, No. 3, 1898, sam. 13	1 00
	Total for printing	\$4,086 30

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BINDING.

Date.	Items.	Amount.
<i>Allowed February 22, 1892.</i>		
Jan. 24	Robert Smith & Co., For cutting paper, 5 cuts, sam. 50	\$0 50
<i>Allowed April 26, 1892.</i>		
Apr. 14	Robert Smith & Co., For cutting manilla paper, 8 cuts, sam. 50	80
<i>Allowed May 21, 1892.</i>		
May 5	Robert Smith & Co., For binding 1,000 reports, cloth, 1,354 pp. each	120 00
	pasting 1,000 comp. slips in same, sam. 54	1 00
	" 1,000 slip- on page 389, sam. 54	1 00
	" 1,000 ¼ sheets on page 1176a, sam. 54	1 00
	" 1,000 ¼ " in back, sam. 54	1 00
	binding 101 reports containing 1,354 pages each, full sheep, double size	40 40
	pasting 101 comp. slips in same, sam. 54	10
	" 101 ¼ sheets on page 1176, sam. 54	10
	" 101 ¼ " in back, sam. 54	10
12	binding 1,000 reports containing 1,354 pages each, full sheep, double size	120 00
	pasting 1,000 comp slips in same, sam. 54	1 00
	" 1,000 ¼ sheets on page 1176a, sam. 54	1 00
	" 1,000 ¼ " in back, sam. 54	1 00
	blocking 20 industrial statistics, sam. 47	4 00
18	binding 1,000 reports, cloth, 1,354 pages, double size	120 00
	pasting 1,000 ¼ sheets page 1176a, sam. 54	1 00
	" 1,000 ¼ back of book, sam. 54	1 00
	" 1,000 comp. slips in same, sam. 54	1 00
<i>Allowed June 28, 1892.</i>		
June 17	Robert Smith & Co., For binding 899 reports, 1,354 pages, cloth, sam. 5	107 83
	pasting 899 comp. slips, sam. 54	90
	" 899 ¼ sheets, page 1176a, sam. 54	90
	" 899 ¼ " at back, sam. 54	90
	making 40 blocks, sam. 48	40
20	extra for binding 3,900 reports for 1892, cloth, containing the unusual num- ber of 1,354 pages @ 5c each	234 00
	binding 100 same, law sheep, same as above, @ 20c	20 00
	Total for binding	\$730 98
STATIONERY.		
<i>Allowed July 27, 1892.</i>		
July 23	Theo. L. Beckus, For 1 M McGill's F. H. fasteners No. 2, sam. 98	\$2 10
18	5 M 6½ white envelopes, sam. 201, \$1.22	6 10
7	Ihling Bros. & Everard, For 1 Ford's standard type brush	1 50
12	1 gross No. 048 Esterbrook pens, sam. 88	47
	¼ dozen Faber's steel erasers, sam. 78, \$2.50	1 25
	2 reams Crane's typewriter paper, sam. 145, \$1.10	2 20
June 10	A. M. Emery, For 2 dozen carbon sheets, \$5c	70
July 19	6 " " 35c	2 10
<i>Allowed August 31, 1892.</i>		
Aug. 11	Ihling Bros. & Everard, For ¼ dozen mucilage pots, sam. 64, @ \$3.60	1 80
	1 gross No. 3 Dreka pens	85
	6 " 17 rubber bands @ 15c	90
	1 ream 24 lb O. B. folio, sam. 25, @ 18c	2 84
	lithographing 2,000 letter heads @ \$3.00	6 00
	blocking 2,000 " " 20 blocks @ 2c	40
<i>Allowed September 28, 1892.</i>		
6	A. M. Emery, For 3 desk blotter pads @ \$1.00	3 00
11	12 gross rubber bands @ 15c	1 80
27	mounting 2 maps of U. S. in cases @ \$3.00	6 00
	Amount carried forward	\$41 01

Bureau of Labor vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$41 01
Jan. 12	A. M. Emery, For 2 calendar pads @ 25c	50
	2 dozen Dixon pencils @ 40c	80
	1 quart Arnold's ink	40
17	2 small oil stones @ 25c	50
	1 large " stone	1 50
	Ihling Bros. & Everard, For ¼ gross lead pencils @ \$3.50, sam. 81	1 75
	<i>Allowed April 26, 1898.</i>	
Apr. 18	Ihling Bros. & Everard, For 2 reams 36x40 70 lb manilla paper @ 7c, sam. 4	9 80
20	Theo. L. Backus, For 5 M No. 6½ white envelopes @ \$1.22, sam. 201	6 10
11	4 3-lb. packages No. 24 flax twine @ 26c, sam. 134	2 40
	<i>Allowed May 31, 1898.</i>	
May 22	Ihling Bros. & Everard, For 14 reams 17x22, 28 lb superfine @ 12½c, sam. 22	52 92
13	A. M. Emery, For 4 index memos. @ 50c	3 00
	16 " " @ 35c	4 90
	53 memo. books, @ 25c	13 25
26	1 self inking stamp	1 25
20	6 lbs blotting paper, item 1, @ 14c	84
	<i>Allowed June 28, 1898.</i>	
3	Theo. L. Backus, For 1½ dozen balls linen twine, 6 A. B. 4¼ lbs @ 43c, sam. 131	1 93
	4 " " gray flax. No. 24 @ 20c, sam. 134	4 80
June 14	Ihling Bros. & Everard, For 2 reams 17x28, 40 lb Scotch ledger @ 21c, sam. 28B	16 80
	1 gross each Nos. 126 and 311 Esterbrook pens @ 47c, sam. 38B	94
	1 " " 2 " 10 Gluc. " @ \$1.50, sam. 38E	3 00
	1 " " No. 659 Gillott pens, sam. 38F	4 00
	1 " " 250 " " 38G	3 00
21	¼ " " Dixon's pencils @ \$3.60, sam. 30B	1 80
	¼ " " I. B. & E. pencils @ \$3.50, sam. 31F	1 75
28	F. A. Alexander, For 1 typewriter brush	2 25
	1 Remington ribbon	75
2	A. M. Emery, For 1 rubber stamp, 15c; 1 stamping pad, 35	50
22	¼ gross penholders @ \$2.50	1 25
	Total for stationery	\$188 79
	RECAPITULATION.	
	General allowance	\$1,818 72
	Printing	4,086 80
	Binding	780 98
	Stationery	183 79
	Total allowance for Bureau of Labor	\$6,869 79

Board of State Auditors vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Florence Dean, For salary as assistant bookkeeper Board of State Auditors for month of July, 1892.....	\$75 00
	Milton A. Bretz, For salary as clerk of Board of State Auditors for month of July, 1892.....	123 33
	Lisbeth Watson, For salary as assistant clerk of Board of State Auditors for month of July, 1892.....	83 33
	Anna Harty, For salary as bookkeeper of Board of State Auditors for month of July, 1892.....	83 33
	Board of State Auditors, For postage for month of August.....	10 00
	Telegraph & Telephone Construction Co., For rent of telephone from July 1 to Oct. 1, 1892.....	10 00
	<i>Allowed August 31, 1892.</i>	
	Milton A. Bretz, For salary for month of August as clerk of Board of State Auditors.....	123 34
	Florence Dean, For salary for month of August as assistant bookkeeper Board of State Auditors.....	75 00
	Anna Harty, For salary for August as bookkeeper Board of State Auditors.....	83 34
	Lizzie Watson, For salary for August as assistant clerk Board of State Auditors.....	83 34
	Board of State Auditors, For postage for September.....	5 00
	Seymour Foster, postmaster, For rent of P. O. box 448, for quarter ending September 30.....	75
	Western Union Telegraph Co., For messages July 25 and 28.....	1 00
	<i>Allowed September 28, 1892.</i>	
	Milton A. Bretz, For salary as clerk Board of State Auditors for September.....	123 33
	Lisbeth Watson, For salary as assistant clerk Board of State Auditors for September.....	83 33
	Anna Harty, For salary as bookkeeper Board of State Auditors for September.....	83 33
	Florence Dean, For salary as assistant bookkeeper Board of State Auditors for September.....	75 00
	Western Union Telegraph Co., For messages August 20 and 30.....	56
	<i>Allowed October 26, 1892.</i>	
Oct, 25	Milton A. Bretz, For salary for month of October, 1892, as clerk of Board of State Auditors.....	123 33
	Florence Dean, For salary for month of October, 1892, as assistant bookkeeper Board of State Auditors.....	75 00
	Lizzie Watson, For salary for month of October, 1892, as assistant clerk of Board of State Auditors.....	83 33
	Anna Harty, For salary for month of October, 1892, as bookkeeper Board of State Auditors.....	83 33
	Board of State Auditors, For postage for November.....	5 00
	Telegraph & Telephone Construction Co., For rent of telephone from Oct. 1, 1892, to Jan. 1, 1893.....	10 00
Sept, 26	Western Union Telegraph Co., For message.....	31
	<i>Allowed November 29, 1892.</i>	
	Milton A. Bretz, For salary, November, as clerk of Board of State Auditors.....	123 33
	Lisbeth Watson, For salary, November, as assistant clerk Board of State Auditors.....	83 33
	Florence Dean, For salary, November, as assistant bookkeeper Board of State Auditors.....	75 00
	Amount carried forward.....	\$1,894 27

Board of State Auditors vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$1,894 27
	Anna Harty, For salary, November, as bookkeeper Board of State Auditors.....	83 33
	Board of State Auditors, For postage to mail annual report of 1892.....	100 00
	<i>Allowed December 29, 1892.</i>	
	Milton A. Bretz, For salary for December as clerk of Board of State Auditors.....	123 22
	Lisbeth Watson, For salary for December as assistant clerk Board of State Auditors	83 23
	Anna Harty, For salary for December as bookkeeper Board of State Auditors.....	83 22
	Florence Dean, For salary for December as assistant bookkeeper Board of State Auditors	75 00
Dec. 26	Seymour Foster, P. M., For rent of box 485 for clerk of State Board of Auditors, for quarter ending Dec. 31, 1892.....	75
	<i>Allowed January 25, 1893.</i>	
Jan. 24	Marcus Petersen, For salary as clerk of the Board of State Auditors for month of January, 1893.....	150 00
	Milton A. Bretz, For salary as assistant to clerk of State Board of Auditors for month of January, 1893.....	133 33
	I. N. Jackson, For salary as bookkeeper State Board of Auditors for month of January, 1893.....	83 32
	W. H. Graham, For salary as bookkeeper State Board of Auditors for month of January, 1893.....	83 33
	Board of State Auditors, For postage for month of January, 1893, and for mailing annual report.....	75 00
	Western Union Telegraph Co., For messages from December 2 to 12, inclusive.....	75
	<i>Allowed February 25, 1893.</i>	
	Wm. H. Graham, For salary for month of February, 1893, as bookkeeper Board of State Auditors.....	83 34
	Cornelius Van Haltern, For salary for month of February, 1893, as assistant bookkeeper Board of State Auditors.....	83 34
Feb. 10	Ferry & Butts, For 1 black walnut directors table.....	25 00
	Seymour Foster, P. M., For rent of box 485 for clerk of Board of State Auditors for quarter ending March 31, 1893.....	75
	Western Union Telegraph Co., For message, January 4, 1893.....	50
	Marcus Petersen, For salary for February, 1893, as clerk of State Board of Auditors	150 00
	I. N. Jackson, For salary for February, 1893, as assistant clerk of State Board of Auditors.....	83 34
	<i>Allowed March 29, 1893.</i>	
Mar. 29	Marcus Petersen, For salary for month of March, 1893, as clerk of Board of State Auditors.....	150 00
	I. N. Jackson, For salary for month of March, 1893, as assistant clerk of Board of State Audi- tors.....	83 34
	Wm. H. Graham, For salary for March, 1893, as bookkeeper Board of State Auditors.....	83 34
	H. E. Wheaton, For salary for month of March, 1893, as bookkeeper Board of State Auditors.....	83 34
	American Express Co., For express from February 24, 1893, to 27 inclusive	55
	Michigan Bell Telephone Co., For message, February 13, 1893.....	25
	<i>Allowed April 26, 1893.</i>	
Apr. 18	Callaghan & Co., For Michigan reports, vols. 39 and 41.....	1 40
25	Marcus Petersen, For salary as clerk of Board of State Auditors for April, 1893	150 00
	Amount carried forward.....	\$3,897 57

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$3,997 57
Apr. 25	I. N. Jackson, For salary as assistant clerk of Board of State Auditors, April, 1898	83 34
	H. E. Wheaton, For salary as bookkeeper Board of State Auditors, April, 1898	83 34
	Wm. H. Graham, For salary as bookkeeper Board of State Auditors, April, 1898	83 34
	Board of State Auditors, For postage, March, April and May and mailing books	150 00
Feb. 21	Sam L. Eggleston, For 1 memo. for Marcus Petersen, clerk of Board	85
	Frank Keating, For hauling 1 load of paper to State Printer	50
	American Express Co., For express from April 11 to 24, 1898, inclusive	1 26
	Michigan Bell Telephone Co., For message, March 25, 1898	25
	<i>Allowed May 31, 1898.</i>	
May 31	Marcus Petersen, For salary as secretary of Board of State Auditors for May, 1898	150 00
16	" fare to Detroit	2 55
	" Detroit to Jackson, \$2.30; Lansing, \$1.80	8 60
	expense 3 days Board State Auditors and Board of State Canvassers	11 40
31	I. N. Jackson, For salary as assistant secretary Board of State Auditors for May, 1898	83 34
	Wm. H. Graham, For salary as bookkeeper of the Board of State Auditors for May, 1898	83 34
	H. E. Wheaton, For salary as bookkeeper of the Board of State Auditors for May, 1898	83 34
	Marcus Petersen, For compensation for extra services during the session of the legislature and awarding of contracts, being overtime to the extent of one month's work, during the months of January, February, March, April and May	150 00
	I. N. Jackson, For compensation for extra services during the session of the legislature and awarding of contracts, being overtime to the extent of one month's work, during January, February, March, April, May	83 33
	Western Union Telegraph Co., For message, April 12 to 23, 1898, inclusive	8 52
May 26	L. E. Rowley, For rent of box No. 435 quarter ending June 30, 1898	75
	<i>Allowed June 28, 1898.</i>	
June 16	Murphy, Wasey & Co., For 1 dozen No. 42 chair	\$30 00
	less 5%	1 50
		28 50
10	R. L. Polk & Co., For 1 copy Michigan Gazetteer, 1893-4	5 00
28	Marcus Petersen, For salary as Secretary of the Board of State Auditors for month of June, 1898	150 00
30	" fare to Grand Rapids, \$1.95; chair car, 25c	2 20
21	" " Kalamazoo, \$1.45; chair car, 25c, Battle Creek, 70c	2 40
	" " Lansing, 90c; lunch, 50c	1 40
	hotel, \$5.00; bus and car fares, \$1.10	6 10
28	I. N. Jackson, For salary as assistant Secretary of Board of State Auditors for month of June, 1898	83 34
	Wm. H. Graham, For salary as bookkeeper of the Board of State Auditors for month of June, 1898	83 34
	H. E. Wheaton, For salary as bookkeeper of the Board of State Auditors for month of June, 1898	83 34
Mar. 23	Darius D. Thorp, For publishing 1 folio 5 times, folding beds for sale	2 10
Apr. 8	" 11 folios 6 times, notice to contractors	80 80
June 15	printing and circulating in two issues State Republican, official report of Board of Canvassers	\$98 70
	500 extra copies	5 00
	Amount carried forward	\$5,747 28

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1892.</i>	
	Amount brought forward	\$5,747 28
June 29	Marcus Petersen, For salary as clerk of Board of State Auditors for month of July, 1892	150 00
	Michigan Bell Telephone Co., For message, May 23, 1892	35
16	J. F. Hambitzer, For trip to Chicago to consult with electrical engineer: Railroad fare, sleeper and incidental expenses	35 00
	hotel, 5 days	15 00
	John G. Berry, For trip to Chicago with Board to consult with electrical engineer: Railroad fare, hack fare, sleeper, etc., from Vanderbilt and return	32 00
	hotel, 6 days	18 00
	Total for general allowance	\$5,997 58
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 8	Robert Smith & Co., For alterations on report as follows: galleys 1 to 6, 2 hours @ 30c.	30 80
19	composition on 3,300 copies of report from page 1 to 32, 140,648 ems @ 27c.	37 97
	presswork, 56 tokens @ 15c	8 40
	<i>Allowed August 31, 1892.</i>	
Aug. 22	Robert Smith & Co., For composition on 3,300 copies report from page 33 to 224, 1,963,646 ems @ 27c.	535 58
	presswork, 376 tokens @ 15c	50 30
	<i>Allowed September 28, 1892.</i>	
Sept. 9	Robert Smith & Co., For 1,500 envelopes, sam. 18	80
20	composition on 3,300 copies of report from page 225 to 248 and on reprint from page 53 to 60 and 245 to 252, 2,526,720 ems @ 27c.	682 21
	presswork, 420 tokens @ 15c	63 00
9	500 covers for report, sam. 21	1 30
	200 list of drafts copy ink, sam. 46	1 15
	<i>Allowed October 26, 1892.</i>	
Oct. 3	Robert Smith & Co., For 800 ruling paper, sam. 87	90
17	matter out out and correcting galleys 1 to 9 on appendix A, 1 1/4 hours @ 30c.	45
18	composition on 3,300 copies of report from page 449 to 512, 455,619 ems @ 27c.	123 02
	presswork, 112 tokens @ 15c	16 80
19	alterations on copy as follows: galleys 7 to 221, 39 hours @ 30c	11 70
17	ruling 480 blanks, 2 sizes, 1 side	75
	<i>Allowed December 28, 1892.</i>	
Dec. 12	Robert Smith & Co., For 1,200 note heads ruled, sam. 51	1 80
	600 letter heads " " 50	90
	380 shipping labels, " 8	60
	300 complimentaries, " 8	50
	1,000 paper ruled, " 87	2 30
	<i>Allowed January 25, 1893.</i>	
Jan. 12	Robert Smith & Co., For 1,000 direction labels, sam. 8	1 20
16	500 comp. slips, " 8	70
	1,200 note circulars copy ink, " 13	2 80
	1,000 letter heads, " 50	90
	1,000 blanks, inclosing check, " 13	2 00
	28 P. M.'s receipts, " 49	28
	28 " " duplicate " 49	28
	<i>Allowed February 23, 1893.</i>	
Feb. 4	Ihling Bros. & Everard, For 4 reams 12 lb O. B. letter heads, @ 18c	8 44
	lithographing 4 M " " @ \$3.00	12 00
	blocking 4 M " "	1 60
	1 ream 17x22, 24 lb bankers linen @ 25c	6 00
	lithographing 4 M note heads @ \$2.50	10 00
	Amount carried forward	\$1,586 73

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PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward.....	\$1,586 78
Jan. 26	Robert Smith & Co.,	
	For 700 P. M. receipts, sam. 8.....	90
	700 " " duplicates 2 times, sam. 8.....	1 80
	<i>Allowed March 29, 1898.</i>	
Feb. 22	Robert Smith & Co.,	
	For making lot of labels and lettering same in gold.....	4 50
24	cutting blotting paper, 21 cuts, sam. 50.....	2 10
28	making labels and lettering same, accts.....	25
Mar. 9	" 8 file boxes with covers and extra fronts.....	2 40
	" 4 " no covers but extra fronts.....	80
	12 rings for above @ 2c.....	24
Feb. 27	500 blank forms for accts., sam. 13.....	1 00
	<i>Allowed April 26, 1898.</i>	
Apr. 9	Grand Rapids Herald,	
	For 11 folios, 6 times, notice to contractors.....	26 95
1891.	W. M. Featherly,	
Feb. 1	For publication of tax sale list for Iosco county.....	55 00
Apr. 10	Robert Smith & Co.,	
	For 2,000 requisitions for printing and binding, copy ink, sam. 13.....	3 50
	500 general requisitions, copy ink, sam. 13.....	8 00
	<i>Allowed May 31, 1898.</i>	
8	Aband Post,	
	For advertisement, 16 folios, once, @ 70c.....	11 20
12	" 16 " 5 times, @ 35c.....	28 00
May 8	The Tribune Printing Co.,	
	For 15 folios, 6 times, notice to contractors.....	36 75
11	Courier-Herald Co.,	
	For publication of notice to contractors.....	26 95
18	Detroit Journal,	
	For 12 inches, 6 times, notice to contractors.....	36 75
Apr. 26	Robert Smith & Co.,	
	For 100 blanks for registration books, sam. 69.....	2 25
	paper for same.....	75
	100 proposals, lithographing, 1st form, sam. 32.....	6 00
	100 " " 2d " " 30.....	2 00
	<i>Allowed June 28, 1898.</i>	
	Robert Smith & Co.,	
	For 200 proposals and specifications, stationery, 1st form, sam. 32.....	6 15
	200 " " " 2d " " 32.....	6 15
	200 " " " 3d " " 32.....	6 15
	200 " " " 4th " " 30.....	2 15
	100 " " " news print and book paper, 1st form, sam. 32.....	6 00
	100 " " " 2d " " 30.....	2 00
	100 " " " coal, 1st form, sam. 32.....	6 00
	100 " " " 2d " " 30.....	2 00
	2,000 envelopes, sam. 18.....	80
	Total for printing.....	\$1,882 22
	BINDING.	
	<i>Allowed August 31, 1892.</i>	
Aug. 6	Robert Smith & Co.,	
	For blocking and stapling 17 blocks of index slips @ 3c.....	80 51
	<i>Allowed December 28, 1892.</i>	
Dec. 5	Robert Smith & Co.,	
	For making 12 blocks letter heads, sam. 47.....	24
	" 24 " note heads, " 48.....	24
9	binding 1,142 reports, cloth, " 4.....	114 80
	making 8 blocks, " 49.....	08
13	binding 50 reports, 1892, full sheep, " 8.....	18 75
	" 8 " 1891, " morocco, " 55.....	12 00
	Amount carried forward.....	\$145 97

Board of State Auditors vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
Feb. 9	Amount brought forward.....	\$145 97
	Robert Smith & Co.,	
	For blocking 31 note heads, sam. 48.....	31
Jan. 2	binding 1 letter book, 1892, ¼ ream 42 qrs, sam. 43.....	3 36
	<i>Allowed April 26, 1898.</i>	
Apr. 11	Robert Smith & Co.,	
	For cutting blotting paper 44 cuts, sam. 50.....	4 40
	blocking 52 Gen. requisition, " 48.....	52
	" 28 requisitions for printing and binding, sam. 48.....	28
14	binding 1 requisition book ¼ Russia, 5 qrs, sam. 39.....	90
	paging same, sam. 51.....	24
	<i>Allowed May 31, 1898.</i>	
24	Robert Smith & Co.,	
	For folding and stitching 200 stationery bids, sam. 13.....	46
	" " pasting 100 coal bids, " 13.....	23
	" " " 100 lithographs, " 13.....	28
	" " " 100 news print, " 13.....	23
	Total for binding.....	\$157 13
	STATIONERY.	
	<i>Allowed July 27, 1892.</i>	
July 2	Ihling Bros. & Everard,	
	For 2 gross No. 126 Esterbrook pens, sam. 38, @ 47c.....	\$0 94
	1 " " 11 Gluc. " " 38.....	1 50
	<i>Allowed August 31, 1892.</i>	
June 21	Theo. L. Backus,	
	For ¼ B No. 6 pins, sam. 128, @ 55c.....	28
	<i>Allowed September 29, 1892.</i>	
Aug. 30	Theo. L. Backus,	
	For 2 M 6½ envelopes, sam. 210, @ \$1.42.....	2 84
	<i>Allowed November 29, 1892.</i>	
Nov. 26	A. M. Emery,	
	For 1 dozen bank penholders.....	75
	<i>Allowed January 25, 1893.</i>	
Jan. 4	A. M. Emery,	
	For 1 2-line rubber stamp.....	25
	<i>Allowed February 28, 1893.</i>	
Feb. 9	Theo. L. Backus,	
	For ¼ dozen ruling pens @ \$6.00.....	3 00
8	6 eyelet punch and sets @ \$1.50.....	10 80
6	1-12 dozen 4648 ink stands @ \$19.00.....	1 59
Jan. 26	Robert Smith & Co.,	
	For 1,500 envelopes, sam. 18.....	80
Feb. 6	A. M. Emery,	
	For 1 gross of zinc pens.....	1 00
	<i>Allowed March 29, 1893.</i>	
24	A. M. Emery,	
	For 2 desk pads @ 75c.....	1 50
	<i>Allowed April 26, 1893.</i>	
April 19	Ihling Bros. & Everard,	
	For 1-12 gross red, blue and green pencils @ \$3.00, sam. 35.....	75
	¼ dozen paper knives @ \$4.00, sam. 97.....	2 00
	1 gross No. 312 Esterbrook pens, sam. 38A.....	47
	2 reams 7 B O. B. note head @ 18c, sam. 16.....	2 52
	blocking same, 20 blocks, @ 1c.....	20
1	A. M. Emery,	
	For 1 index memo.....	30
	<i>Allowed May 31, 1893.</i>	
May 18	Theo. L. Backus,	
	For 1-12 dozen Moore hand blotters @ \$3.20, sam. 126.....	27
	Amount carried forward.....	\$31 76

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Board of State Auditors vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	Allowed May 31, 1893.	
April 29	Amount brought forward	\$31 76.
	A. M. Emery,	
	For 8 lbs blotting paper	42
	100 shipping tags	10
	Allowed June 28, 1893.	
May 8	Theo. L. Backus,	
	For 1/4 gross No. 7 penholders @ \$2.10, sam. 42	1 05.
	1/4 doz. No. 8 " " 2.55, " 42A	1 22
	1/4 doz. rubber " " .92, " 43	23
	1-10 M No. 14 red seals " 1.44, " 47	12
	1-10 " " 18 " " 1.38, " 48	19
	1-10 " " 14 gilt " " 2.35, " 49	22
	1-10 " " 18 " " 3.30, " 50	33
	1-12 doz. quart Carter fluid " 4.25, " 51A	35
	1-12 " " Arnold's " " 4.75, " 51B	39
	1-12 " " Stafford's fluid " 5.40, " 51C	45
	1-12 " " Carter's extra copy " 6.50, " 52A	54
	1-12 " " Stafford's " " 8.40, " 52B	70
	1-12 " " Carter's oomb. " 6.50, " 53A	54
	1-12 " " Stafford's " " 7.20, " 53B	60
	1-12 " " Carter's raven black, " 3.15, " 54A	26
	1-12 " " Stafford's universal, " 5.40, " 54B	45
	1-12 " pints Carter's carmine, " 9.50, " 55	79
	1-12 " " Stafford's carmine, " 9.50, " 56	79
	1-12 " quarts Carter's mucilage, " 7.20, " 57A	60
	1-12 " " Stafford's " " 6.60, " 57B	55
	1-12 " " Davis " " 6.60, " 57C	55
	1-12 " comb, ink and pencil eraser, " .90, " 59	17
	1-12 " " large mattock, @ \$1.35, sam. 59A	04
	1-12 " No. 487 Eagle ink and pencil eraser, " .75, " 59B	06
	1-12 " 488 " " " " .75, " 59C	08
	1-12 " 489 " " " " 1.35, " 59D	11
	1-12 " 2-inch sponge cups, " .65, " 61	06
	1-12 " 4-inch " " " .90, " 62	07
	1-12 " Crescent " " 3.00, " 62A	25
	1-12 " 5 oz. Reservoir mucilage, " 2.00, " 63	17
	1-12 " 10 " " " 3.50, " 64	29
	1-12 " No. 7393 " " .35 each, sam. 65	35
	1 4-oz. Pomeroy mucilage " .25 " 65A	15
	1 No. 7 Morgan " sam. 65B	65
	1 Cole " " 65C	25
	1 4-oz wipe off Pomeroy Mucilage, sam. 65D	18
	1-12 doz. inkstands, @ \$1.65, sam. 66	14
	1-12 " " " 2.00, " 67	17
	1-12 " " " 2.65, " 68	22
	1-12 " " " 3.65, " 69	30
	1-12 " " " 13.50, " 70	1 12
	1-12 " " " 36.00, " 71	3 00
	1-12 " Davis No. 1 inkstands, " 23.40, " 72A	1 35
	1-12 " " 2 " " 15.00, " 72B	1 25
	1-12 " " 3 " " 23.40, " 72C	1 05
	1-12 " Dove " " 12.60, " 72D	1 05
	1-12 " Safety No. 1 " " 3.20, " 72E	27
	1-12 " " 22 " " 4.75, " 72F	40
	1-12 " " 8 " " 6.60, " 72G	55
	1-12 " Novelty No. 1 " " 5.75, " 72H	48
	1-12 " No. 4647 Judd " " 7.80, " 72I	75
	1-12 " barometer with rack inkstands, " 14.35, " 72K	1 19
	1-12 " steel erasers, " 2.30, " 73	19
	1-12 " No. 132 " " 3.00, " 73A	25
	1-12 " " " 3.60, " 74	30
	1-12 " No. 151 " " 3.60, " 74A	30
	1-12 " " 2024 " " 4.80, " 74B	40
	1-12 " 10-inch ivory folders, " 4.92, " 75	41
	1-12 " 9-inch Standard folders, " 4.00, " 75A	34
	1-12 " 10-inch bone folders, " 1.35, " 76	11
	1-12 " paper knives, " 3.75, " 77	31
	1-12 " " " 5.00, " 78	42
	1-12 " No. 30 iron paper weights, " 1.25, " 79	10
	1-12 " 45 " " " 1.35, " 79A	11
	1-12 " 88 " " " 1.68, " 79B	14
	1-12 " nickel " " 13.60, " 80	1 14
	Amount carried forward	\$35 44

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$65 44
May 8	Theo. L. Backus.	
	For 1-12 doz. bronze paper weights, @ \$5.00, sam. 81.....	50
	1-12 " 1494 " 6.60, " 81A.....	55
	1-12 " round nickel paper weights, " 8.00, " 81B.....	25
	1-12 " glass paper weights, " 12.00, " 82.....	1 00
	1-12 " " 19.00, " 82A.....	1 58
	1-12 " No. 0 clips, " .50, " 83.....	04
	1-12 " " 1 " " .60, " 84.....	05
	1-12 " " 2 " " 1.50, " 85.....	12
	1-12 " " 3 " " 1.65, " 86.....	14
	1/4 M H. L. eyelets, " .95, " 89.....	24
	1/4 M J. N. " .85, " 90.....	08
	1/4 M D. B. " .35, " 91.....	09
	1-10 M flat fasteners, " 1.25, " 92.....	12
	1-10 M round " 1.50, " 93.....	15
	1 Robbin's eyelet punch and set, " 94.....	1 65
	1 Challenge " 94A.....	2 50
	1 doz. box Challenge eyelets, " 94B.....	80
	1 letter book, " 95.....	1 25
	1 " " 96.....	2 15
	1 " " 97.....	3 75
	1-12 doz. copying brushes, " 3.00, " 98.....	25
	1-12 " water bowls, " 3.00, " 99.....	25
	1 hanging water bowl, " 99B.....	40
	1 Callard letter book dampener, " 100.....	3 00
	1 Hill's " 101.....	2 75
	1-12 doz. 12-inch brass-edge rulers, " .98, " 102.....	08
	1-12 " 18-inch rulers " 1.40, " 103.....	12
	1-12 " 24-inch " 2.10, " 104.....	17
	1-12 " " 3.45, " 105.....	29
	1-12 " " 3.65, " 106.....	31
	1-12 " No. 521 Paragon ruling pens, " 11.00, " 107.....	92
	1-12 " 522 " " 11.00, " 107B.....	91
	1-12 " 923 K. & E. " " 5.20, " 107C.....	43
	1-12 " 785 " " " 7.60, " 107D.....	64
	1-12 " 783 " " " 7.20, " 107E.....	60
	1-12 " 550 Paragon " " 10.00, " 108A.....	88
	1-12 " 924 K. & E. " " 6.30, " 108B.....	53
	1-12 " 784 " " " 8.00, " 108C.....	66
	1-12 " 782 " " " 6.60, " 108D.....	55
	1-12 " red tape, " 2.75, " 109.....	23
	1-12 " " 3.14, " 110.....	26
	1-12 " " 3.25, " 111.....	27
	1-12 " rolls ribbons, " 1.85, " 112.....	15
	1 " thumb tacks, " .30, " 113.....	30
	1 " " .28, " 114.....	26
	1 " " .18, " 115.....	18
	1-12 " dividers, " 2.25, " 116.....	19
	1-12 " note board clips, " 2.75, " 117.....	22
	1-12 " letter board clips, " 3.00, " 118.....	25
	1-12 " cap " 3.20, " 119.....	26
	1-12 " hand blotters, " 1.50, " 120.....	15
	1-12 " large " 2.00, " 120A.....	17
	1-12 " improved blotters, " 3.00, " 120B.....	25
	1-12 " No. 2 Coughlin's blotter, " 2.00, " 120C.....	17
	1-12 " " 4 " 2.90, " 120D.....	24
	1-12 " pyramid pins, " .68, " 121.....	06
	1-12 " rubber cap sheets, " 1.20, " 123.....	10
	1-12 " " 1.25, " 124.....	10
	1-12 " waste paper baskets, " 4.25, " 133.....	35
	1-12 " " 4.85, " 134.....	41
	1-12 " " 6.00, " 135.....	50
	1-6 " Calligraph ribbons, " 6.00, " 136.....	1 00
	1-6 " Remington ribbons, " 7.50, " 136.....	1 25
	1-12 " Calligraph indel. ribbons, " 15.00, " 137.....	1 25
	1-12 " Remington indel. ribbons, " 15.00, " 137.....	1 25
	1-12 " Calligraph " 9.00, " 137A.....	75
	1-12 " Hammond " 7.50, " 138.....	68
	1-6 " Smith Premier " 7.50, " 138.....	1 25
	500 sheets typewriter paper, " 189.....	1 00
	500 " " 140.....	1 10
	Amount carried forward	\$108 19

Board of State Auditors vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	Amount brought forward -----	<i>Allowed June 23, 1898.</i> \$108 19
May 8	Theo. L. Beckus,	
	For 1 rubber hand dating stamp,	1 50
	1 self inking " " sam. 148	3 00
	1 No. 02K arm rest, " 144	50
	1 " 04K " " " 148	40
	1 " 2 " " " 148B	75
	1 " 4 " " " 148C	60
	5-12 doz. pen racks @ 12c each, " 148D	60
	1 No. 0 rubber stamp pad, " 149	15
	1 " 1 " " " " 146A	20
	1 " 2 " " " " 146B	25
	1 " 3 Woodruff stamp pad, " 146C	40
	1 stenographic pen, " 146D	1 25
	1/4 lb sealing wax @ 20c, " 39	05
June 6	1/2 doz. paper weights, @ \$3.00, " 81B	1 50
	1-6 " sponge cups, " 8.00, " 82A	50
	1/2 " glass paper weights, " 12.00, " 82	4 00
	marking 2 " " n. o. c., " .50, " 82	1 00
May 26	1 ream No. 5423 London court note, n. o. c.	3 00
	1/4 M " 5423 " envelopes,	8 00
June 1	Ihling Bros. & Everard,	
	For 1/4 dozen paper knives @ \$8.00, n. o. c.	2 00
	1-12 " " " " 5.75	45
	1-12 " " " " 4.25	35
	1-12 " " " " 6.25	52
	3 Globe desk portfolios @ 75c	2 25
13	A. M. Emery,	
	For 2 memo. books @ 50c	1 00
	1 qr. legal blanks	60
	Total for stationery -----	\$128 04
	RECAPITULATION.	
	General allowance-----	\$5,997 53
	Printing-----	1,553 22
	Binding-----	157 13
	Stationery-----	128 04
	Total allowance for Board of State Auditors-----	\$8,174 92

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
May 8	Edwin Phelps, For services and expenses as member of the Board of Agriculture:	
	railroad, Lansing and return home	35 55
	hotel, Lansing	2 50
	hack, street car and porter	55
24	railroad, Lansing and return home	5 55
26	hotel, Lansing	3 50
	carriage, \$2.00; hack and car fare, 85c	2 35
	dinner and porter	75
31	team to Pontiac	1 00
	railroad, Chicago	6 90
	sleeper	2 00
June 1	hotel, Chicago	4 50
	car fare	40
	railroad fare, Chicago, \$6.90; berth, \$2.00	8 90
	breakfast, 50c; team, \$1.00	1 50
Aug. 8	railroad and team, Lansing and return	5 50
9	hotel and team, \$3.00; car fare, 10c	3 10
8	A. C. Glidden, For services and expenses as member of the Board of Agriculture:	
	Paw Paw to Lansing and return	6 00
	dinner at Kalamazoo	50
10	board at Lansing	2 50
	dinner at Kalamazoo	50
May 25	Chas. W. Garfield, For services and expenses as member of the Board of Agriculture:	
	fare, Grand Rapids to Lansing	1 95
	street car	10
26	hotel bill	1 00
	return ticket to Grand Rapids	1 95
	telegrams	65
	street car, 10c; telephone, 25c	35
June 15	fare, Grand Rapids to Lansing	1 95
	parlor car, 25c; street car, 10c	35
16	hotel bill	1 60
	street car, 10c; return fare to Grand Rapids, \$1.95	2 05
17	fare, Grand Rapids to Hartford	2 10
	Hartford to South Haven	55
	dinner	25
	fare, South Haven to Grand Junction	30
	" Grand Junction to Grand Rapids	1 65
	dinner, 35c; street car, 5c	40
May 11	I. H. Butterfield, For services and expenses as member of the Board of Agriculture:	
	meeting com., railroad fare and return	2 05
12	hotel, one day	2 70
	hack	25
	street car	05
25	railroad fare and return	2 75
	hack	25
26	hotel, one day	2 00
27	" " "	1 50
	hack	25
June 15	meeting of the board, railroad fare	2 75
	dinner	50
	street car	05
16	dinner at college	25
	hotel, one day	2 00
	hack	25
22	expenses to Grayling experiment station:	
	railroad fare, Lapeer to Grayling	4 20
	hotel	1 00
	dinner	50
	return fare	4 20
	Amount carried forward	\$100 76

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$100 76
	Henry Chamberlain,	
	For services and expenses as member of the Board of Agriculture:	
	bills of W. H. Porter for carriages to and from college paid:	
May 9	bill	8 00
June 24	bill	8 00
May 19	fare, Three Oaks to Lansing via Battle Creek	3 60
	dinner, 50c; street car, 5c	55
25, 26, 27	hotel, Lansing	3 50
	hack	25
	fare, Lansing to Three Oaks	4 80
	dinner	50
June 9	telegram	38
15	fare, Three Oaks to Lansing	3 60
	dinner, 50c; hack, 25c	75
	street car	05
15, 16, 17	hotel, Lansing	3 75
	fare, Lansing to Three Oaks via Jackson	4 80
	car fare, 5c; dinner, 75c	80
	railroad guide	10
July 20	50 stamped envelopes	1 10
Aug. 8	fare, Three Oaks to Lansing	3 60
	dinner, 50c; car fare, 5c	55
	hack	25
8, 9, 10	hotel, Lansing	3 50
	car fare	05
10	fare, Lansing to Three Oaks	4 80
	dinner	50
	<i>Allowed October 26, 1892.</i>	
Sept. 12	Henry Chamberlain,	
	For services and expenses as member of the Board of Agriculture:	
	railroad fare, Three Oaks to Lansing and return	4 80
	dinner, 50c; car fare, 5c	55
12 to 16	hotel and meals, Lansing	8 75
16	dinner, 50c; car fare, 5c	55
17	stamped envelopes	1 10
Oct. 5	railroad fare, Three Oaks to Lansing via Battle Creek	3 60
	dinner, 50c; hack, 25c	75
6	livery to College	1 50
5, 6, 7	hotel at Lansing	3 50
	dinner en route	50
7	fare, Lansing to Three Oaks via Battle Creek	3 60
	<i>Allowed December 28, 1892.</i>	
Nov. 17	A. C. Glidden,	
	For services and expenses as member of the Board of Agriculture:	
	team to station	1 00
	fare to Hart	5 20
	meals en route	1 00
	hack, Hart	25
18	hotel, "	2 00
	fare to Scottsville	3 75
	supper, White Cloud	50
19	hotel, Scottsville	1 50
	fare to Grand Rapids	3 25
21	hotel at "	3 00
	fare to Cadillac	2 80
	dinner, "	50
	fare to Benzonia	1 65
22	hotel, "	1 50
	fare to Traverse City	1 15
	telegram to Central Lake	25
23	hotel, Traverse City	1 00
	Central Lake and return	2 58
	hotel	1 00
	Traverse City to Cedar Springs	3 70
	meals en route	50
Sept. 12	team to depot	1 00
	fare, Paw Paw to Lansing	6 00
	dinner, Kalamasoo	50
15	board, Lansing	4 00
	dinner at Kalamasoo	50
Nov. 2	team to station	1 00
	Amount carried forward	\$328 71

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$238 77
Nov. 2	A. C. Glidden,	
	For fare, Lawton to Lansing and return	5 60
	dinner at Kalamazoo	50
	street car, Lansing	10
3	team to college	1 50
4	hotel	3 00
	dinner at Kalamazoo	50
	railway guide for one year	1 00
	team from station	1 00
June 15	Franklin Wells,	
	For services and expenses as member of the Board of Agriculture:	
	railroad fare to Lansing	3 50
	dinner	50
16	" at college	25
15, 16, 17	bill at Downey, Lansing	3 50
	railroad fare from Lansing	3 50
	dinner	50
Aug. 8	railroad fare to Lansing	3 50
	dinner	50
9	" at college	25
8, 9, 10	hotel bill, Lansing	3 00
10	railroad fare home	3 50
	dinner	50
Sept. 13	railroad fare to Lansing	3 50
	dinner	50
	bus fare, 25c; dinner and street car, 65c	90
13, 14, 15	hotel bill at Hudson's	3 50
	railroad fare home and dinner	4 00
16	freight paid on box reports	25
15	freight on reports sent	25
Oct. 10	express on package of vouchers	80
Dec. 13	railroad fare to Lansing	3 50
	dinner, 50c; hack fare, 25c	75
13 to 16	bill at Hudson House	5 75
	railroad fare, Lansing to Constantine	3 50
	dinner	50
Aug. 1	I. H. Butterfield,	
	For services and expenses as member of the Board of Agriculture:	
	railroad fare, Lapeer to Lansing and return	2 75
	dinner at college	25
	hotel, $\frac{3}{4}$ day	1 50
14	commencement, fare and return	2 75
	hotel, $\frac{1}{4}$ day	1 00
Oct. 4	board meeting, railroad fare and return	2 75
	hotel, one day	2 00
5	" "	2 00
	hack	25
11	farm committee at college, railroad fare and return	2 75
	hotel, one day	2 00
Dec. 7	expenses to arrange for institute, railroad fare to Bad Axe and return	3 75
	hotel, one day	2 00
13	railroad fare, board meeting	2 75
14	hotel, one day	2 00
15	" "	2 50
	street car	10
Nov. 12	railroad fare to Chicago	6 40
	Pullman car fare	2 00
13	breakfast	50
	bus, Chicago	50
	dinner	1 00
	fare to New Orleans	23 00
	Pullman to New Orleans	6 00
	supper	50
14	breakfast	50
	dinner	50
	bus, New Orleans	50
19	hotel, 5 days @ \$3	15 00
	bus	50
	return railroad fare	7 75
	" Pullman	6 00
	supper	50
	breakfast	50
	dinner	50
	Amount carried forward	\$407 43

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$407 42
Nov. 19	I. H. Butterfield,	
	For supper	50
20	lodging, Chicago	1 00
21	3 meals	1 50
	railroad fare, Chicago to Lapeer	6 40
	bus	50
	sleeper	2 00
Sept. 20	Henry Chamberlain,	
	For services and expenses as member of the Board of Agriculture:	
	hack hire, taking Board of Agriculture to and from college	6 50
Dec. 14	telegram	4 00
Nov. 6	11-12	25
	expenses attending the convention of Ayr's College:	50
12	railroad fare to Chicago	2 20
	bus	50
12-13	hotel, Chicago	5 50
	bus	50
13	railroad fare and sleeper, Chicago to New Orleans	29 25
13-14	meals en route	2 25
	bus	50
14-19	hotel, New Orleans	15 75
	bus, 50c; tickets and sleeper, New Orleans to Chicago, \$13.95	14 45
19-20	meals en route	3 00
20-21	hotel, Chicago, \$2.25; bus, 50c	2 75
21	railroad fare, Chicago to Three Oaks	2 20
Sept. 13	Edwin Phelps,	
	For services and expenses as member of the Board of Agriculture:	
	team and railroad, Lansing and return	4 65
	street car and hack	75
16	hotel, Lansing	4 50
	" Pontiac and Durand	1 00
	telegram	25
Oct. 4	fare, Lansing and return	5 20
6	hotel and porter, Lansing	3 75
	street car and hack	1 10
Dec. 13	railroad fare, Lansing	4 80
Nov. 11	O. Clute:	
	For railroad fare, Lansing to Chicago	5 05
	dinner, 50c; supper, 50c; bus, 50c	1 50
13	hotel bill, Chicago, two days	4 00
	street car, 45c; bus, 50c	95
	railroad fare, Chicago to New Orleans and return	35 00
	sleeper, Chicago to New Orleans	6 00
	three meals, \$1.50; bus, 50c	2 00
19	hotel, New Orleans, 4 1/2 days	14 75
	street cars, 4 days, 60c; bus, 50c	1 10
Dec. 3	sleeper, New Orleans to Chicago	6 08
4	3 meals	1 50
	bus	50
5	hotel, Chicago	3 00
	bus	50
	railroad fare, Chicago to Lansing	5 05
	supper	50
Nov. 9	Chas. W. Garfield,	
	For services and expenses as member of the Board of Agriculture:	
	Grand Rapids to Lansing	1 95
	livery to college	1 50
	supper	50
	return to Grand Rapids	1 95
28	Grand Rapids to Lansing	1 95
	one meal	50
	livery to college	2 00
	return to Grand Rapids	1 95
Dec. 13	Grand Rapids to Lansing	1 95
	supper	50
15	Hudson House, two days @ \$2.00	4 00
	fare on return to Grand Rapids	1 95
	four street car fares	20
	<i>Allowed January 25, 1893.</i>	
	Henry G. Reynolds,	
	For 6,325 2-cent stamps for bulletin No. 89	126 50
	Amount carried forward	\$770 22

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$770 22
1892.	I. H. Butterfield.	
Dec. 30	For services and expenses as member of the Board of Agriculture: expenses on farm committee: railroad fare, Lapeer to Lansing and return.	2 75
1898.		
Jan. 3	Board meeting: railroad fare, Lapeer to Lansing	1 38
5	2½ days, hotel @ \$2.00	5 00
	street car	10
Dec. 13	Henry Chamberlain.	
	For services and expenses as member of the Board of Agriculture: railroad fare, Three Oaks to Lansing via Battle Creek	3 60
	dinner, 50c; street car, 5c	55
13, 14, 15 and 16	hotel, \$5.75; hack, 25c	6 00
	railroad fare, Lansing to Three Oaks via Battle Creek	3 60
16	dinner, 50c; hack, 25c	75
29	50 stamped envelopes, \$1.10; railroad guide, 10c	1 20
1898.		
Jan. 3	railroad fare, Three Oaks to Lansing via Battle Creek	3 60
	dinner, 50c; car fare, 5c	55
3, 4, 5, 6	hotel, Lansing	5 75
	hack, 25c; railroad fare, Lansing to Three Oaks via Battle Creek, \$3.00	3 25
Dec. 14	Edwin Phelps,	
	For services and expenses as member of the Board of Agriculture: hotel, Lansing	4 50
	porter, 25c; hack, 50c	75
	fare home	3 80
	supper, Durand	50
1893.		
Jan. 3	fare to Lansing and return	5 55
Dec. 16	A. C. Glidden,	
	For services and expenses as member of the Board of Agriculture: Union City and return	4 10
	hotel and meals	3 00
	livery to Athens	1 00
Jan. 3	expenses from Paw Paw to Lansing and return	5 60
	dinner at Kalamazoo	50
6	hotel at Lansing	5 00
	dinner at Kalamazoo	50
	street car	10
Dec. 12	Board meeting: team to station (rain)	1 00
	fare to Lansing and return	4 20
	dinner at Kalamazoo	50
15	hotel	3 00
	dinner at Kalamazoo	50
	team home	1 00
Nov. 28	fare, Cedar Springs to Louis	1 78
	hotel and hack	3 00
	return to Paw Paw	4 50
	meals en route	1 00
	team home, 3¼ miles	1 00
Jan. 3	Franklin Wells,	
	For services and expenses as member of the Board of Agriculture: railroad fare to Lansing	3 50
	dinner, 50c; hack, 25c	75
3, 4, 5, 6	hotel bill at Lansing	5 50
13	railroad fare to Constantine, \$3.50; dinner, 50c	4 00
	<i>Allowed February 23, 1898.</i>	
	Hatch Engraving Co.,	
	For wood cut, O. Clute	1 00
Jan. 26	A. C. Glidden,	
	For services and expenses as member of the Board of Agriculture, under the provisions of Sec. 4979, Howell's statutes:	
	fare, Paw Paw to Lansing and Return	5 40
	team to station	1 00
28	dinner at Kalamazoo	50
	hotel	3 00
	dinner at Kalamazoo	50
	car fare	10
	team home	1 00
	Amount carried forward	\$890 93

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward.....	\$900 98
Dec. 20	O. Clute, For services and expenses as member of the Board of Agriculture, under provisions of Sec. 4979, Howell's statutes:	
	Lansing to Durand, fare.....	59
	Durand to Benzonia, fare.....	5 75
	dinner, 50c; express, Benzonia, \$1.00.....	1 50
22	hotel, Benzonia.....	1 75
	Benzonia to Traverse City, fare.....	1 15
	bus, 25c; hotel, \$2.00.....	2 25
	fare, Traverse City to Central Lake.....	1 35
24	hotel, Central Lake.....	1 00
	livery, Central Lake to Manoselona.....	5 00
	fare, Manoselona to Grand Rapids.....	4 55
	dinner.....	50
25	hotel, Grand Rapids.....	2 75
	Grand Rapids to Lansing, fare.....	1 95
Jan. 16	railroad fare, Lansing to Battle Creek.....	95
	bus, 25c; dinner, 50c; Battle Creek to Paw Paw, fare, \$1.35.....	2 10
	bus, 25c; telegram, 25c.....	50
20	hotel, \$3.00; fare, Paw Paw to Jackson, \$2.55.....	10 65
	dinner, 50c; dray, 25c.....	75
	Jackson to Lansing, fare.....	1 10
	supper.....	50
3	Chas W. Garfield, For services and expenses as member of the Board of Agriculture under provisions of Sec. 4979, Howell's statutes:	
	street car, 10c; railroad Grand Rapids to Lansing, \$1.95.....	2 05
	parlor car, 25c; telegram, 25c; dinner, 25c.....	75
5	livery to college, \$2.00; railroad ticket to Grand Rapids, \$1.95.....	3 95
	street car, 10c; Hudson House bill, \$5.50.....	5 60
18	R. R. fare Grand Rapids to Lansing.....	1 95
	chair car, 25c; one meal, 50c; car fare, 20c.....	95
	return railroad ticket.....	1 95
25	R. R. ticket Grand Rapids to Lansing.....	1 45
	parlor car, 25c; street car, 20c; hotel bill, \$2.00.....	2 45
	return railroad fare.....	1 95
	supper.....	50
	<i>Allowed March 29, 1893.</i>	
26	Franklin Wells, For services and expenses as member of the Board of Agriculture under provisions of Sec. 4979, Howell's An. Stat.:	
	R. R. fare to Lansing.....	3 50
	dinner.....	50
26-27	hotel Hudson.....	2 00
	R. R. fare Lansing to Kalamasoo, \$2.05; bus, 25c.....	2 30
28	bill at Burdick house.....	3 25
	R. R. fare Kalamasoo to Constantine.....	95
Mar. 6	" " to Lansing, \$3.50; dinner, 50c.....	4 00
7	dinner at college.....	25
7-8	hotel Hudson house.....	3 50
	R. R. from Lansing home.....	3 50
	dinner.....	50
	W. H. Porter for transportation of board.....	4 00
	livery.....	3 00
	" " for Mr. Butterfield.....	1 50
Jan. 30	O. Clute, For services and expenses as member of the Board of Agriculture under the provisions of Sec. 4979, Howell's An. Stat.:	
	R. R. fare Lansing to Union City and return.....	3 45
	hotel 4 days.....	8 00
5	Edwin Phelps, For services and expenses as member of the Board of Agriculture under the provisions of the Sec. 4979, Howell's An. Stat.:	
	hotel Lansing.....	4 00
	porter, 30c; hack, 50c.....	80
	meal Pontiac, 50c; bus, 10c.....	60
26	fare Lansing and return.....	5 55
27	hotel.....	2 00
	hack and porter.....	60
Mar. 6	fare Lansing and return.....	5 35
	Amount carried forward.....	\$1,023 92

BOARD OF STATE AUDITORS.

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State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$1,023 92
Feb. 1	Chas. W. Garfield, For services and expenses as member of the Board of Agriculture, under the provisions of Sec. 4979, Howell's annotated statutes: car fare, 20c; fare to Lansing, \$1.95; two meals, \$1.00	3 15
	livery, \$1.50; fare home, \$1.95	3 45
7	fare, Grand Rapids to Lowell Farmers' Institute, 35c; car fare, 3c	60
9	hotel, \$2.50; return fare to Grand Rapids, 55c	3 05
10	bus, 25c; street car, 5c	30
Mar. 7	telegram from Mr. Butterfield (delivery)	15
	Reynolds	20
8	street car, 10c; fare to Lansing, \$1.95	2 05
6	Hudson hotel, \$4.00; fare home, \$1.95; street car, 10c	6 05
	A. C. Glidden, For services and expenses as member of the Board of Agriculture, under the provision of Sec. 4979, Howell's annotated statutes: team to station	1 00
	fare to Lansing and return	5 40
	dinner, Kalamazoo	50
8	board, Lansing, \$3.00; dinner, Kalamazoo, 50c; car, 10c	3 60
	team from station	1 00
Jan. 26	I. H. Butterfield, For services and expenses as member of the Board of Agriculture under the provisions of Sec. 4979, Howell's annotated statutes: railroad fare to Lansing and return, \$2.75; dinner, 50c	3 25
27	hotel, \$2.00; street car, 10c; supper, 50c	2 60
Feb. 9	visit college, committee work, railroad fare and return	2 75
	hotel	2 00
Mar. 3	telegram and delivery	1 25
Feb. 16	visit college, railroad fare, \$2.75; 2 meals, \$1.00	3 75
	expense to Memphis Institute	1 00
	<i>Allowed May 31, 1898.</i>	
Mar. 13	American & Foreign Electrotype Co., For 115 cuts at 25c per square inch, for illustration of bulletin No. 94, Birds of Michigan	156 31
	<i>Allowed June 28, 1898.</i>	
Apr. 10	Franklin Wells, For services and expenses as member of the Board of Agriculture, under the provisions of Sec. 4979, Howell's statutes: railroad fare to Lansing	3 50
	dinner, 50c; dinner at College, 25c	75
	hotel bill at Hudson House	3 50
	railroad fare, Lansing home	3 50
	dinner	50
19	telegram to I. H. Butterfield	59
May 5	" " " "	29
15	railroad fare to Lansing	3 50
	dinner	50
15, 16, 17	Hudson House bill	3 50
	railroad, Lansing to Constantine	3 50
	dinner	50
June 12	railroad fare, Constantine to Lansing	3 50
	dinner	50
12, 13, 14	hotel bill at Hudson	3 50
	dinner at college for four	1 00
14	railroad fare, Lansing to Constantine	3 50
	dinner	50
May 14	paid W. H. Porter for hack, 3 trips to convey members of Board to college and return	4 00
Mar. 6	I. H. Butterfield, For railroad fare and return to board meeting	2 75
	one meal	50
8	hotel, 2 days	4 00
	street car	10
27	expense to Pontiac to buy teams for college	2 50
	railroad fare to meeting	2 75
Apr. 11	hotel, 2 days, \$4.00; street car, 10c; dinner at college, 25c	4 85
20	expense, railroad fare to Lansing from Lapeer	2 75
	street car fare	10
24	hotel, 1/4 day	1 00
	railroad fare, return	2 75
	hotel, 1 1/4 days	2 50
	Amount carried forward	\$1,294 01

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$1,294 01
May 2	I. H. Butterfield,	
	For railroad fare and return	2 75
	street car, 5c; hack, 25c	30
3	livery to college	1 00
5	hotel, 2½ days	5 50
	dinner on return	50
11	railroad fare and return	2 75
	two telegrams	50
	hotel, ¼ day	1 00
15	railroad fare, return from meeting	2 75
	street car	10
17	hotel, two days	4 00
Mar. 6	A. C. Glidden,	
	For services and expenses as member of the Board of Agriculture, under the provisions of Sec. 4979, Howell's statutes:	
	special messenger with telegrams from college	1 50
Apr. 10	team to station	1 00
	Lansing and return	5 20
	dinner at Kalamazoo	50
12	hotel, Lansing	3 00
	dinner at Kalamazoo	50
	team home	1 00
May 8	team to station, \$1.00; fare to Lansing and return, \$5.40	6 40
	dinner at Kalamazoo	50
10	hotel, Lansing	3 00
	street car	10
	dinner, Battle Creek	50
	team home	1 00
June 12	railroad fare to Lansing and return	5 40
	dinner at Kalamazoo	50
	team to station	1 00
14	board at Lansing	3 00
	dinner, Battle Creek	50
	team home	1 00
Feb. 27	Henry Chamberlain,	
	For services and expenses as member of the Board of Agriculture, under the provisions of Sec. 4979, Howell's statutes:	
	telegrams to Mr. Willis and Mr. Reynolds	75
Mar. 6	railroad fare Three Oaks to Lansing, \$3.60; dinner, 50c	4 10
	street car, 10c; hotel Lansing, \$2.75	3 85
8	fare Lansing to Three Oaks, \$3.60; dinner, 50c; carriage, 25c	4 35
Apr. 7	50 stamped envelopes	1 10
10	fare Three Oaks to Lansing via Jackson	4 80
10, 11, 12	dinner, 50c; street car, 5c	55
	hotel Lansing	3 75
	fare " to Three Oaks, \$3.60; dinner, 50c	4 10
May 1	telegram to Clute, 37c; to Butterfield, 55c	92
2	fare Three Oaks to Lansing, \$3.60; dinner and car fare, 55c	4 15
	hotel Lansing, \$5.50; bus, 35c; dinner, 50c	6 25
	fare Lansing to Three Oaks	3 60
15	" Three Oaks to Lansing via Albion	4 55
	dinner and hotel bill	4 25
17	fare Lansing to Three Oaks, \$3.60; dinner, 50c	4 10
18	28 stamped envelopes	58
11	Edwin Phelps,	
	For services and expenses as member of the Board of Agriculture under the provisions of section 4979, Howell's statutes:	
13	fare to Lansing and return, \$3.35; team, \$2.00; hack, 50c	6 35
	hotel Lansing, \$4.00; dinner Pontiac, 50c	4 50
	porter	25
12	fare Lansing and return	3 85
	team and bus	1 10
Apr. 18	Chas. W. Garfield,	
	For services and expenses as member of the Board of Agriculture under provisions of section 4979, Howell's statutes:	
	telegram, 25c; fare Constantine and return, \$4.15	4 40
	hack, 25c; stamps, 50c; street car, 10c	85
24	railroad fare Grand Rapids to Lansing, \$1.95; street car, 20c; livery, \$1.00	3 15
	supper, 50c; railroad fare return, \$1.85	2 45
May 3	50 2c stamps, \$1.00; railroad fare Grand Rapids to Lansing, \$1.95	3 95
4	1¼ day at hotel, \$2.50; livery to college, \$1.00; street car, 25c	3 75
6	return railroad fare	1 95
	telegram to Mr. Willis, 25c; May 10, telegram to Mr. Butterfield, 25c	50
	Total for printing	\$1,442 06

State Board of Agriculture vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amodnt.
	<i>Allowed June 28, 1892.</i>	
	Amount brought forward	\$1,442 66
May 10	Chas. W. Garfield,	
	For 25 2c stamps, 50c; railroad fare Grand Rapids to Lansing, \$1.95	2 45
	supper, 50c; street car, 20c; return railroad fare, \$1.95	2 65
15	street car, 20c; railroad fare Grand Rapids to Lansing, \$1.95; chair car, 25c	2 40
16	1½ days hotel, \$2.50; return railroad fare, \$1.95	4 45
20	street car, 10c; May 19, street car, 10c; railroad Grand Rapids to Lansing, \$1.95	2 15
June 2	dinner, 50c; livery to college, \$1.00; return railroad fare, \$1.95	3 45
	fare to Muskegon and return	2 15
	dinner, 50c; street car, 10c	60
3	street car, 20c; railroad fare to Lansing, \$1.95; dinner, 50c	2 65
12	livery to college, \$1.00; return railroad fare, \$1.95	2 95
	street car, 10c; railroad fare Grand Rapids to Lansing, \$1.95; livery, \$1.00	3 05
Mar. 8	supper, 50c; return railroad fare, \$1.95	2 45
	Edwin Phelps,	
	For services and expenses as member of the Board of Agriculture under the provisions of section 4979, Howell's statutes:	
	hotel Lansing	3 50
	meal at college, 25c; porter, 25c; hack, 25c	75
	bus and meal at Pontiac	60
22	livery at Davisburg, \$3.60; feed for horse, 90c	4 50
29	" Pontiac, \$2.50; 30th, livery, \$2.00; April 5, livery, \$2.00	6 50
Apr. 8	railroad fare to Lansing and return	5 90
10	hotel, \$1.00; team to college, \$2.00	3 00
Mar. 17	telegram to secretary, 25c; railroad fare to Lansing and return, \$5.50	6 05
	Chas. W. Garfield,	
	For services and expenses as member of the Board of Agriculture under provisions of section 4979, Howell's statutes:	
	fare to Lansing from Grand Rapids	1 95
	street car fare	10
	return fare	1 95
	bus	10
31	fare Grand Rapids to Lansing	1 95
Apr. 10	livery, \$1.00; street car, 20c; supper, 50c	1 70
	fare Grand Rapids to Lansing	1 95
	street car, 20c; hotel bill, \$2.00	2 80
	dinner at college	25
	return fare home	1 95
	Total for general allowance	\$1,519 56
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
July 19	Robert Smith & Co.,	
	For composition on 6,000 copies of bulletin No. 86 from page 1 to 11, 76,862 ems @ 27c	\$20 75
8	presswork, 50 tokens @ 15c	7 50
	galley 16 to 74, 24 hours @ 30c	7 20
	index 1 to 10, 3¼ hours @ 30c	1 05
	page proof 69-70, 1¼ hours @ 30c	45
6	Flora of Michigan 5-15, 15 hours @ 30c	4 50
15	11,500 errata leaflets for report, sam. 8	11 70
19	1,000 covers for Michigan Flora, sam. 21	2 05
	composition on 11,500 copies of report from page 465 to 480, 36,242 ems @ 30c	10 87
	presswork, 96 tokens @ 15c	14 40
	<i>Allowed August 31, 1892.</i>	
Aug. 22	Robert Smith & Co.,	
	For composition on 11,500 copies of report from page 641 to 689, 515,872 ems @ 27c	139 28
	presswork, 536 tokens @ 15c	50 40
	<i>Allowed October 26, 1892.</i>	
Oct. 18	Robert Smith & Co.,	
	For composition on 4,000 copies of reprint of bulletin No. 87, 22,553 ems @ 27c	6 09
	presswork, 84 tokens @ 15c	5 10
	<i>Allowed December 28, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 10,000 copies of college bulletin (3d edition) from page 1 to 12, 32,850 ems @ 27c	8 87
	presswork, 84 tokens @ 15c	12 60
	Amount carried forward	\$302 81

State Board of Agriculture vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$302 81
Feb. 13	Robert Smith & Co., For 1,800 errata slips for bulletin No. 83, sam. 8.	2 00
Jan. 17	composition on 7,500 copies of bulletin No. 88, 170,351 ems @ 27c	45 99
	presswork, 128 tokens @ 15c	19 20
	composition on 2,000 copies bulletin No. 83 (reprint) 51,007 ems @ 27c	13 77
	presswork, 36 tokens @ 15c	5 40
10	alteration on copy of bulletin No. 88: galleys 1 to 15, 2¼ hours @ 30c	75
	7,500 bulletin No. 89, special form. composition 63,523 ems @ 27c	17 15
	presswork, 96 tokens @ 15c	14 40
	paper for same, 39¼ reams of 14-lb cap, being 553 lbs @ 10c	55 30
16	printing D. Granges name on 6,000 envelopes for bulletin 89 @ 18c	2 40
	7,500 slips for bulletin No. 89, special request, @ 8c	7 70
	paper for same	3 50
	<i>Allowed March 29, 1893.</i>	
Mar. 22	Robert Smith & Co., For composition on 8,000 copies of bulletin No. 90 from page 1 to 30, 144,891 ems @ 27c	39 12
	presswork, 186 tokens @ 15c	20 40
	composition on 7,500 copies of bulletin No. 91 from page 1 to 30, 34,481 ems @ 27c	9 81
	presswork, 64 tokens @ 15c	9 60
	composition on 8,000 copies of bulletin No. 92 from page 1 to 20, 82,642 ems @ 27c	22 31
14	presswork, 102 tokens @ 15c	15 30
	alteration on copy as follows, viz.: bulletin No. 91, 1 hour; bulletin No. 92, 2¼ hours; galleys 1 to 7, report, 9 hours; table No. 16, 2¼ hours; 15 hours @ 30c	4 50
	<i>Allowed April 26, 1893.</i>	
Apr. 18	Robert Smith & Co., For composition on bulletin No. 93 from page 1 to 53 (8,000 copies) 254,913 ems @ 27c	68 83
17	presswork, 238 tokens @ 15c	35 70
	alteration on copy as follows, viz., table No. 16 2nd revise, ¼ hour; matter suppressed and alterations on President Clute's report, 4¼ hours; galleys 1 to 5, 4¼ hours; galleys 7 to 16, 6 hours; 16¼ hours @ 30c	4 35
	<i>Allowed May 31, 1893.</i>	
May 23	Robert Smith & Co., For composition 8,000 copies of bulletin No. 95 from page 1 to 20, 113,135 ems @ 27c	31 69
	presswork, 103 tokens @ 15c	15 30
	composition on 8,000 copies of second edition of bulletin No. 91, 34,481 ems @ 27c	9 31
17	presswork, 36 tokens @ 15c	3 30
	alteration on copy as follows, viz., galleys 1 to 37 reprint, 3¼ hours; galleys 38 to 42 reprint, 4 hours; matter supplied, reprint, 11¼ hours; page proof signatures, 17 and 18, 5¼ hours; bulletin No. 94, galleys 3 to 7, 2d revise, 7¼ hours; galleys 8 to 11, 2d revise, 2 hours; galleys 12 to 15, 2d revise, 4¼ hours; galleys 16 to 20, 2d revise, 5 hours; galleys 21 to 26, 2d revise, 1¼ hours; bulletin No. 95, galley proof 7¼—52¼ hours at 30c	15 75
	<i>Allowed June 28, 1893.</i>	
June 20	Robert Smith & Co., For composition on 8,000 copies of bulletin No. 94 from page 1 to 143, 573,803 ems @ 27c	156 11
	presswork, 690 tokens @ 15c	96 90
May 23	600 press bulletins No. 1	1 75
June 9	800 reprint of tribute to President Abbot with covers	10 00
19	alteration on copy as follows, viz., bulletin No. 94, galleys 27 to 29, ¼ hour; galleys 30 to 31, ¼ hour; galleys 32 to 35, 2¼ hours; galleys 36 to 38, 5 hours; galleys 39 to 41, 2 hours; galleys 42 to 43, 2d revise, 3 hours; 5 galleys index, 4 hours; press proof galleys 13 and 14, 3 hours; galleys 15 and 16, 2 hours; galleys 17 and 18, 3¼ hours; regular report, 58 to 68, 5¼ hours; 33¼ hours @ 30	10 12
	Total for printing	\$1,071 43

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BINDING.

[illegible]

ANNUAL REPORT OF THE

State Board of Agriculture vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 3	A. M. Emery, For 52,625 portfolio envelopes 7½ x 10 printed @ \$4.00.....	\$210 50
	Total for stationery	\$210 50
	RECAPITULATION.	
	General allowance.....	\$1,442 68
	Printing.....	1,071 42
	Binding	2,756 93
	Stationery	210 50
	Total allowance for State Board of Agriculture	\$5,483 51

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$99 88
Apr. 19	J. Maurice Finn,	
	For parlor car fare	75
21	sleeper Mackinaw to Grand Rapids	1 50
	hotel bill at Grand Rapids	4 50
June 22	return expenses home	15 25
	Rev. W. H. Osborne,	
	For expenses as State visitor to Aekely Institute, Grand Haven, under provisions of section 6, act No. 99, public acts of 1885:	
	car fare from Lansing to Grand Haven and return	5 76
Apr. 27	hotel and cab fare	3 24
	T. A. Conlon,	
	For expenses as State visitor to German American Seminary, under the provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare	6 10
	supper	50
28	lodging	75
	breakfast, dinner and supper	1 50
	Chas. O. Hoyt,	
	For expenses as State visitor to Spring Arbor, under provisions of section 6, act No. 99, public acts of 1885:	
	horse and carriage	3 00
May 1	E. M. Hopkins,	
	For expenses as State visitor to Spring Arbor Seminary under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare Oakley to Jackson and return	4 40
June 1	hotel bill	6 00
2-3	J. B. Montgomery,	
	For expenses as State visitor to Bensonia College under provisions of section 6, act No. 99, public acts of 1885	35 50
Apr. 20	James E. Wilkinson,	
21	For expenses as State visitor to Grand Rapids, West Michigan College, under provisions of section 6, act No. 99, public acts of 1885	1 50
	J. W. Simmons,	
	For expenses as State visitor to Adrian College, under provisions of section 6, act No. 99, public acts of 1885	12 84
22	W. S. Perry,	
	For expenses as State visitor to Western Michigan College, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare Ann Arbor to Grand Rapids and return	7 88
June 20	hotel bill at Grand Rapids	2 50
22	S. S. Babcock,	
	For services and expenses as member of the State Board of Education:	
	3 days Ypsilanti, \$9.00; railroad fare, \$1.65	10 65
	hotel, \$1.50; 1 meal, 50c; hack, 25c	5 25
	street car	10
	1 day committee on fuel, Detroit	3 00
	1 meal	50
	typewriter making contracts	1 00
July 7	1 day board meeting, Detroit	3 00
	1 meal	50
Aug. 3	1 day at Ypsilanti	3 00
	railroad fare	1 65
	meals, \$1.00; hack, 25c; parlor car, 25c	1 50
	street car	10
15	telephone	25
16	1 day at Ypsilanti	3 00
	railroad fare	1 65
	meals, \$1.00; hack, 25c; street car, 10c	1 35
17	1 day writing questions for State examination	3 00
	<i>Allowed September 29, 1892.</i>	
26	S. S. Babcock,	
	For services and expenses as member of the Board of Education:	
	five days at Lansing @ \$3	15 00
	railroad fare \$4.60; parlor car, 25c	4 85
	hack	25
	hotel, \$7.50; meals, \$1.00	8 50
	street car	10
27	1 day examining papers and making record	3 00
29	1 " at Ypsilanti, \$3.00; railroad fare, \$1.65	4 65
	two meals	1 00
	hack fare	25
	street car	10
	Amount carried forward	\$321 54

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$291 48
Sept. 13	S. S. Babcock,	
	For one day, Ypsilanti	8 00
	railroad fare	1 65
	meals, \$1.00; hack, \$1.00; street car, 10c	2 10
18	two days at Ypsilanti	6 00
	railroad fare	1 65
	hotel, \$1.50; meal, 50c	2 00
	hack, 25c; street car, 10c	35
June 20	P. F. Powers,	
21-22	For services and expenses as member of the State Board of Education:	
23-24	five days at meeting of the Board @ \$3.00	15 00
	railroad fare, Cadillac to Ypsilanti	7 10
	" " Ypsilanti to Detroit	90
	" " Detroit to Cadillac	7 50
	hotel expenses at Ann Arbor	50
	" " Ypsilanti	5 00
	" " Detroit	3 75
	" " Grand Rapids	1 00
	hack at Detroit and Grand Rapids	50
	restaurant	40
July 6-7-8	three days, meeting Board @ \$3 per day	9 00
	railroad fare, Cadillac to Detroit and return	13 70
	sleeper, Detroit to Grand Rapids	1 50
	hotel expenses	4 25
	hack and restaurant	1 25
Aug. 4-5-6	three days, meeting Board @ \$3 per day	9 00
	railroad, Cadillac to Ypsilanti via Grand Rapids	7 10
	" Ypsilanti to Cadillac	7 10
	hack and restaurant	1 25
19	1 day preparing examination questions	3 00
20	five sets examination questions	8 00
23-4-5-6	4 days, meeting board @ \$3 per day	12 00
	railroad fare, Cadillac to Lansing and return	8 40
	hotel expenses	5 25
	parlor car	75
	hack and restaurant	1 30
June 21	Ferris S. Fitch,	
	For services and expenses as member of the Board of Education:	
	2 days attending board meeting	6 00
	railroad fare Lansing to Ypsilanti and return	5 00
	hotel expenses	4 00
	hack fare	25
July 7	1 day attending board meeting, Detroit	3 00
	railroad fare Lansing to Detroit and return	5 10
	hotel expenses at Detroit	8 00
	hack and street car	35
Aug. 23	3 days attending board meeting	9 00
24-25	hotel expenses	6 00
	hack fare	50
20	1 day preparing questions for State examinations	3 00
26	1 day examining papers	3 00
Sept. 13	1 day attending board meeting at Ypsilanti	8 00
	hotel expenses	2 00
	3 hack fares	75
	railroad fare, Lansing to Ypsilanti and return	5 00
June 20	David A. Hammond,	
	For services and expenses as member of the State Board of Education:	
	railroad fare to Ypsilanti	2 40
	1 day's service	8 00
21	hotel expenses	3 00
	1 day's service	8 00
	fare to Battle Creek	2 75
	hack	50
	fare Battle Creek to Charlotte	53
	" Charlotte to Ypsilanti and return	4 35
	1 day's service	3 00
July 1	telephone message	40
	1 day's service	2 00
	hotel bill	1 50
6	fare Charlotte to Detroit	8 10
	1 day's service	3 00
7	1 "	8 00
	hotel expenses	5 25
	Amount carried forward	\$538 48

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State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$638 46
July 7	David A. Hammond,	
	For fare Detroit to Charlotte	3 10
	supper	50
18	fare, Charlotte to Ypsilanti	2 35
	hotel	50
	fare Ypsilanti to Detroit	90
	hotel	2 25
	1 day's service	3 00
	fare, Detroit to Ypsilanti	90
19	1 day's service	3 00
	fare, Ypsilanti to Charlotte	2 35
Aug. 5	1 day's service	3 00
	fare, Ypsilanti to Charlotte	2 25
20	" Vassar to Lansing	2 45
	hotel, Seginaw	1 50
	1 day's service	3 00
	hotel expenses	1 50
22	fare, Lansing to Lapeer	1 38
	" Lapeer to Vassar	80
	1 day's service	3 00
	supper at Lapeer	25
28	1 day's service	3 00
	hotel, Lansing	1 00
Sept. 1	fare to Ypsilanti and return	4 35
	hotel expenses	1 00
	message	25
	1 day's service	3 00
7	message	50
13	fare, Charlotte to Ypsilanti	4 35
	sleepers	1 50
	hack	50
	1 day's service	3 00
14	hotel expenses	2 00
	1 day's service	3 00
	hack	75
June 27	Fred J. Baumgartner,	
	For expenses as State visitor to St. Mary's Academy, section 6, act No. 99, public	
	acts of 1885:	
	railroad fare, Pontiac to Detroit and return and hotel	3 75
	stationery and postage	25
	Walter C. Hewitt,	
	For services as State visitor to St. Mary's Academy, section 6, act 99, public	
	acts, 1885:	
	railroad fare	3 64
	expenses en route, and hotel, Jackson	2 50
May 30	Paul Ziegler,	
	For expenses as State visitor to Alma College, section 6, act 99, acts of 1885:	
	railroad fare from Detroit and return	5 00
	expenses	1 00
Aug. 16	J. W. Smith,	
	For expenses as State visitor to Alma College, section 6, act 99, acts of 1885:	
	railroad fare Bay City to Alma and return	2 30
	hack	25
	hotel	2 00
	postage	20
	<i>Allowed October 26, 1892.</i>	
May 12	Emma C. Ackerman,	
	For expenses as state visitor to Detroit Home and Day School, section 6, act 99,	
	public acts of 1885:	
	hack and car fare	85
	railroad fare Charlotte to Detroit and return	6 17
	hotel at Detroit	2 50
	<i>Allowed November 30, 1892.</i>	
Sept. 12	Perry F. Powers,	
13-14	For services and expenses as member of the Board of Education:	
	3 days services at meeting of board, \$3 00	9 00
	railroad fare from Cadillac to Detroit and return	13 70
	" " " Detroit to Ypsilanti	1 00
	sleepers " " Grand Rapids to Detroit	1 50
	" " " Detroit to Grand Rapids	1 50
	Amount carried forward	\$667 46

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 30, 1892.</i>	
	Amount brought forward	\$667 45
Sept. 12	Perry F. Powers,	
13-14	For hotel expense at Detroit	1 50
	" " " Ypsilanti	1 00
	" " " Grand Rapids	75
	hack	75
22-3-4	3 days service at meeting of board, \$3	9 00
	railroad fare Cadillac to Detroit	7 50
	" " Detroit to Ypsilanti	90
	" " Ypsilanti to Cadillac	7 10
	hotel expense at Detroit	2 25
	" " " Ypsilanti	1 50
	restaurant	75
	hack	50
	chair car	25
Oct. 27	3 days service at meeting of board, \$3	9 00
28-29	railroad fare Cadillac to Ypsilanti and return	11 40
	hotel expense	4 50
	hack	50
May 19	F. W. Asbury,	
and 20	For expenses as State visitor to Hillsdale College, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare to Hillsdale and return to Battle Creek	4 90
	hotel bills	2 50
	hack fare	50
12	John A. Stewart,	
	For expenses as State visitor to Home and Day School, Detroit, under provisions of Sec. 6, act No. 99, public acts of 1885:	
	railway fares Port Huron to Detroit and return	3 48
	hotel	1 00
19	Lewis G. Gorton,	
	For expenses as State visitor to Hillsdale College, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad Detroit to Hillsdale and return	5 90
	omnibus fare, 25c; telegrams, 80c	1 05
	hotel	2 40
June 18	James A. Sinclair,	
	For expenses as State visitor to Raisin Valley Seminary, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad Northville to Jackson and return	3 00
	hotel	4 00
	livery	2 00
Apr. 29	Chas. T. Fairfield,	
	For expenses as State visitor to Battle Creek College, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare	1 85
	hotel expenses	4 00
	hack fares	2 00
	<i>Allowed December 28, 1892.</i>	
Sept. 23	S. S. Babcock,	
	For services and expenses as member of the State Board of Education:	
	1 day at Ypsilanti	3 00
	railroad fare	1 65
	2 meals, \$1.00; hack, 25c	1 25
	street car	10
	telephone to Superintendent Public Instruction, Lansing	25
Oct. 4	1 day at Ypsilanti	3 00
	railroad fare	1 65
	2 meals	1 00
	hack, 25c; street car, 10c	35
	telegram to Standard Oil Co.	65
6	1 day at Ypsilanti	3 00
21	railroad fare	1 65
	2 meals, \$1.00; hack, 25c	1 25
	street car	10
Nov. 19	telephone to Prof. Still	25
25	2 days at Ypsilanti	6 00
	railroad fare	1 65
	hotel and meals, \$2.50; street car, 10c	2 80
30	2 days preparing report of board	6 00
	expenses on manuscript to State Printer	25
	Amount carried forward	\$900 54

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$800 54
Dec. 3	S. S. Babcock,	
5	For 1 day making contract with Glanfield Bros. and consulting with architect	3 00
24	express on detail	25
	postage to date	1 80
	express on books	25
	envelopes for six years	2 00
May 10	S. B. Laird,	
	For expenses as State visitor to Hope College under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare from Dowagiac to Holland and return via New Buffalo	7 70
11	hotel expenses at Holland and meals en route	3 40
Nov. 19	Interlake Business College,	
	For filling out diploma	28
	<i>Allowed January 25, 1893.</i>	
	E. C. Thompson,	
	For expenses as State visitor to Olivet College under provisions of section 6, act No. 99, public acts of 1885:	
	railroad, Saginaw to Lansing and return	3 70
	transfers at Lansing and Olivet	1 50
	four meals on the way	2 00
	railroad, Lansing to Olivet and return	1 08
	R. H. Gully,	
	For expenses as State visitor to Battle Creek College under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare from Mason to Battle Creek and return	3 80
	hotel at Jackson	1 80
	" " Battle Creek	2 60
Dec. 26 to 31	S. S. Babcock,	
	For services and expenses as member of the State Board of Education:	
	State Board meeting, State examination	13 60
	railroad fare to Lansing and return from Detroit	4 80
	hotel bill, \$8.50; 1 meal, 50c.	9 00
	drawing car, 50c; street car, 20c	70
Nov. 22 23-24 25-26	Perry F. Powers,	
	For services and expenses as member of the State Board of Education:	
	telegram from Cadillac to Ypsilanti	50
	four days' services at meeting of Board, \$3.00 per day	12 00
	railroad fare Cadillac to Ypsilanti and from Ypsilanti to Detroit	8 00
	" " Detroit to Cadillac	7 50
	hotel expenses at Grand Rapids, Ann Arbor, Ypsilanti, Detroit	6 25
	hack and restaurant expenses	1 25
	chair car from Cadillac to Grand Rapids, 50c; Grand Rapids to Detroit, 50c.	1 00
Dec. 8 9-10	3 days services at meeting of board @ \$3.00 per day	9 00
	railroad fare Cadillac to Grand Rapids	2 80
	" " Grand Rapids to Ypsilanti	4 20
	" " Ypsilanti to Cadillac	7 25
	hotel expense at Grand Rapids and Ypsilanti	3 25
	restaurant and hack expense	1 25
	postage expense from Jan. 1, 1892, to Dec. 29, 1892	8 75
23	1 day preparing State examination questions	3 00
24	printing 4 sets of questions	3 00
26	railroad fare Cadillac to Lansing, \$4.85; Lansing to Detroit, \$3.05	7 90
31	hotel expenses Grand Rapids, \$1.50; Lansing, \$6.00; Ypsilanti, \$1.50	9 00
	6 days services at \$3.00 per day	18 00
	railroad fare Detroit to Cadillac	7 80
Sept. 23	Ferris S. Fitch,	
	For services and expenses as member of the State Board of Education:	
	railroad fare Lansing to Ypsilanti and return, attending board meeting	4 50
	two days' time attending Board meeting	6 00
	hotel expenses, 2 days	4 00
	hack fare, 25c; street car, 15c	40
Oct. 23	railroad, Lansing to Ypsilanti and return, board meeting	4 50
	1 day attending board meeting	3 00
	2 hack fares	50
	hotel, one day	2 00
Nov. 25	railroad fare, Lansing to Ypsilanti and return, board meeting	4 50
	3 days' time attending meeting of board	6 00
	hotel, 2 days	4 00
	2 hack fares	50
Dec. 24	1 day preparing questions for State examinations	3 00
27	5 days time conducting State examination and marking papers	15 00
	Amount carried forward	\$1,046 58

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1898.</i>		
	Amount brought forward	\$1,046 58
Dec. 27	Ferris S. Fitch,	
	For hotel expenses, 5 days, conducting State examination	10 00
10	railroad fare, Lansing to Detroit and return, board meeting	5 10
	back and street car fares	55
	telephone and express	1 00
Sept. 16 and 17	David A. Hammond,	
	For services and expenses as member of the State Board of Education:	
	2 days' services, \$6.00; fare to Ypsilanti and return, \$4.35	10 35
	parlor car, 50c; hotel bill, \$2.00	2 50
22-23	two days' services, \$6.00; fare to Ypsilanti and return, \$4.35	10 35
	hotel, \$2.00; parlor car, 50c	2 50
Oct. 28 and 29	two days' services, \$6.00; fare to Ypsilanti and return, \$4.35	10 35
	hotel, \$4.50; hack, 25c	3 75
Nov. 24	fare to Ypsilanti, \$2.40; 1 day's service, \$3.00	5 40
25	1 day's service, \$3.00; hotel, \$3.80	6 80
26	fare to Detroit, 90c; hotel, \$2.00; 1 day's service, \$3.00	5 90
	to Charlotte, \$3.10; parlor car, 25c	3 35
Dec. 10	" Charlotte to Ypsilanti, \$3.40; 1 day's service, \$3.00	5 40
	1 day's service, \$3.00; hack, 25c; hotel, \$3.00	5 25
	fare Ypsilanti to Battle Creek, \$2.75; Battle Creek to Charlotte, 53c	3 28
17	preparing examination questions	3 00
26	fare to Lansing and return, 74c; 1 day's service, \$3.00	3 74
30	4 day's service, \$12.00; hotel bill, \$3.50	20 50
	paid for looking over examination	1 00
	fare Charlotte to Detroit	3 10
31	1 day's service, \$3.00; hotel, \$2.25; bus, 25c	5 50
	fare Detroit to Charlotte	3 10
<i>Allowed February 23, 1898.</i>		
	Interlake Business College,	
	For engrossing 2 diplomas	75
<i>Allowed March 29, 1898.</i>		
Jan. 26	P. T. Howe,	
	For expenses as State visitor to Benzonia College under provisions of section 6, act 99, public act, 1885:	
	fare to Mackinaw City	3 35
	" " Cadillac	3 90
	hotel at "	2 00
27	fare to Benzonia and bus	2 15
	hotel bill	1 00
	fare, Benzonia to Cadillac	1 65
	hotel bill	1 50
28	fare to Mackinaw City and St. Ignace	4 40
	hotel bill St. Ignace	1 50
29	fare to Sault and bus	3 85
	meals en route for 4 days	1 50
	Daniel McClure,	
	For expenses as State visitor to Benzonia College under provisions of section 6, act 99, public acts of 1885:	
	fare, Shelby to Benzonia, 143 miles	4 30
	entertainment at Benzonia and return, \$2.50; bus, 25c	2 75
	fare, Benzonia to Shelby, 143 miles	4 30
Feb. 2	H. S. Waterbury,	
	For expenses as State visitor to Spring Arbor Seminary under provisions of section 6, act 99, of public acts, 1885:	
	fare, Sparta to Grand Rapids	80
3	lodging and breakfast, Grand Rapids	1 00
	fare, Grand Rapids to Jackson	2 80
	livery, Jackson to Spring Arbor and return	1 00
	railroad fare, Jackson to Grand Rapids	2 80
4	lodging and breakfast, Grand Rapids	1 00
	railroad fare, Grand Rapids to Sparta	80
13	J. L. Wagner,	
	For expenses as State visitor to Battle Creek College under provisions of section 6, act 99, public acts of 1885:	
	railroad fare, \$2.45; hotel \$1.00; hack and street car fare, 35c	3 80
2	J. E. Hammond,	
	For expenses as State visitor to Spring Arbor, under provisions of section 6, act 99, public acts of 1885:	
	hack to Michigan Central depot	25
	fare to Jackson and return	2 00
	Amount carried forward	\$1,232 50

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Feb. 2	Amount brought forward.....	\$1,232 50
	J. E. Hammond,	
	For hack to Hibbard house.....	25
	share of livery bill.....	1 25
	board at Hibbard house.....	1 50
	C. E. Grawn,	
	For expenses as State visitor to Benzonia College, under provisions of section 6, act 99, public acts of 1885.....	5 30
	E. H. Hinckley,	
	For expenses as State visitor to Spring Arbor under provisions of section 6, act 99, public acts of 1885:	
	dinner at Lawton.....	25
	car fare.....	3 50
8	livery at Jackson.....	1 00
	hotel.....	1 50
	" Kalamasoo.....	50
	" Lawton.....	25
	livery.....	1 00
11	C. H. Gurney,	
	For expenses as State visitor to Battle Creek College, under provisions of section 6, act No. 99, public acts of 1885:	
	fare Hillsdale to Albion.....	80
18	" Albion to Battle Creek.....	75
	hotel at Battle Creek.....	1 50
	fare Battle Creek to Albion.....	75
	hotel at Albion.....	50
	fare Albion to Hillsdale.....	80
Jan. 18	Stuart MacKibbin,	
	For expenses as State visitor to Battle Creek College, under provisions of section 6, act No. 99, public acts of 1885.....	1 35
1892	John D. Sumner,	
June 3 and 4	For expenses as State visitor to Michigan Military Academy, under provisions of section 6, act No. 99, public acts of 1885:	
	railroad fare to Detroit.....	4 25
	hotel at Detroit.....	2 00
	railroad fare to Orchard Lake.....	1 00
	" " Detroit, and hotel.....	3 00
	" " Kalamasoo.....	4 25
	hacks.....	75
1893	David Hammond,	
Jan. 6	For services and expenses as member of the Board of Education, under provisions section 14, 4975a:	
	postage for 1891 and 1892.....	8 00
9	1 day's service, \$3.00; parlor car, 25c; fare Ypsilanti from Charlotte and return, \$4.35.....	7 60
10	1 day's service, \$3.00; hotel, \$2.25; hack, 75c.....	6 00
20	fare to Lansing and return, 74c; hotel, \$1.50; 1 day, \$3.00.....	5 24
25	" " 74c; " 50; 1 " 3.00.....	4 24
Feb. 2	message.....	75
9	" 30c; fare to Ypsilanti and return, \$4.35; parlor car, 50c.....	5 15
15	3 day's service, \$9.00; hotel, \$5.00; hack, 50c.....	14 50
	message.....	30
	fare to Lansing and return, 74c; hotel, \$2.25; hack, 50c; 1 day, \$3.00; message, 30c.....	6 79
Nov. 2	telephone.....	25
4	fare to Lansing and return, 74c; hack, 25c; hotel, \$2.00; 1 day, \$3.00.....	5 99
9	envelope and printing.....	2 50
10-11	fare to Ypsilanti and return, \$4.35; 1 day, \$3.00.....	7 35
	2 day's, \$6.00; hotel, \$1.95; fare Ypsilanti to Detroit and return, \$1.80.....	12 75
	motor line fare to Ann Arbor, 15c; voucher case, \$3.00.....	3 15
18	fare to Lansing and return, 74c; hotel, \$1.50; 1 day, \$3.00.....	5 24
23	message, 25c; fare to Ypsilanti and return, \$4.35; 1 day, \$3.00.....	7 60
24	1 day, \$3.00; hack, 50c; hotel, \$2.75.....	6 25
Jan. 9	Perry F. Powers,	
10-11-12	For four days at meeting of board.....	12 00
	railroad fare, Cadillac to Grand Rapids, \$2.90; Grand Rapids to Ypsilanti, \$4.50.....	7 40
	sleeping car, \$1.50; hotel at Grand Rapids, 75c.....	2 25
	hotel at Ypsilanti, \$2.00; hotel at Howell, 75c.....	2 75
	railroad fare, Ypsilanti to Howell, \$1.00; hack and restaurant, 75c.....	1 80
	" " Howell to Howard City, \$3.25, and to Cadillac, \$1.85.....	5 10
20-21	2 days' service.....	6 00
	railroad, Cadillac to Lansing, \$4.85; Lansing to Cadillac, \$4.10.....	8 95
	Amount carried forward.....	\$1,426 00

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$1,426 00
Jan. 20 and 21	Perry F. Powers, For hotel at Grand Rapids, \$1.00; Lansing, 50c; restaurant, 25c	1 75
Feb. 7	chair car, Grand Rapids to Lansing	25
	telegram from Normal School committee	50
	" " to	50
	" " Mr. Hammond	50
	" " Wilson	50
	" " Pattengill	50
	" " J. M. B. Sill	50
	four days at meeting of board	12 00
	railroad fare, Cadillac to Grand Rapids, \$2.90; Grand Rapids to Ypsilanti, \$4.50	7 40
	sleeping car to Ypsilanti, \$1.50; railroad fare, Ypsilanti to Cadillac, \$7.35	8 85
	hotel, Grand Rapids, 75c; at Ann Arbor, \$1.50; at Ypsilanti, \$2.50	4 75
	hack, 75c; restaurant, \$1.25	2 00
	3 days at meeting of board	9 00
	fare, (Cadillac to Ypsilanti via Grand Rapids	7 40
	" Ypsilanti to Ann Arbor, 25c; fare, Ann Arbor to Cadillac, \$5.90	6 15
	Hotel, \$4.50; hack and restaurant, \$1.25	5 75
	services as member of Board at Lansing	9 00
	<i>Allowed April 26, 1898.</i>	
Jan. 9	E. A. Wilson, For services and expenses as member of the Board of Education:	
	R. R. fare to Ypsilanti and return	8 35
10	hotel at Ypsilanti	1 50
	supper at Jackson	50
11	hotel at Kalamazoo	1 25
	three days on board	9 00
Feb. 9	horse to Lawton for train	1 50
	R. R. fare, Lawton to Ypsilanti	7 80
	hotel Ypsilanti	4 00
	supper	50
	three days on board	9 00
Mar. 23	R. R. fare to Ypsilanti and return	8 35
24	hotel and hack	2 50
	supper at Jackson	50
25	hotel, Kalamazoo, \$1.00; three days on board, \$9.00	10 00
	<i>Allowed May 31, 1898.</i>	
Apr. 10	A. B. Storms, For expenses as State visitor to Adrian college under provisions of sec. 6, act No. 99, public acts of 1885:	
	railroad fare, Detroit to Adrian and return	3 06
	street car fare, Detroit, 20c; Adrian, 20c	40
	hotel bill	50
Aug. 31	M. T. Dodge, For expenses as State visitor to Cleary Business College under provision of sec. 6, act No. 99, public acts of 1885:	
	R. R. fare to Ann Arbor, M. C. R. R.	4 75
	" " Ann Arbor to Ypsilanti	10
	" " Ypsilanti to Ann Arbor	10
	" " Ann Arbor to Saginaw	4 75
	board	3 00
Mar. 13 14, 15	D. E. McClure, For expenses as State visitor to Ypsilanti school under provision of sec. 6, act No. 99, public acts of 1885:	
	R. R. fare, Shelby to Ypsilanti and return	13 92
	board	7 50
	bus	1 00
	four days @ \$3.00	8 00
	David McNair, For expenses State visitor to Normal School under provisions of sec. 6, act No. 99, public acts of 1885:	
	R. R. fare via Jackson	4 35
	hotel bill at Jackson and Ypsilanti	3 15
Apr. 7	E. A. Wilson, For expenses as State visitor to Adrian under provisions of sec. 6, act No. 99, public acts of 1885:	
	bus	25
	R. R. fare to Lawton and return	30
	Amount carried forward	\$1,655 24

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$1,658 24
Apr. 7	E. A. Wilson,	
	For hotel at Jackson	1 00
	R. R. fare to Jackson and return	5 00
10	" " Adrian and return	2 76
	hotel and car fare at Adrian	1 35
	" at Jackson	1 00
Feb. 10	James R. Miller,	
	For expenses as State visitor to Battle Creek College, under provisions of sec-	
	tion 6, act No. 99, public acts of 1895:	
	railroad fare Big Rapids to Battle Creek and return	8 20
	board	4 58
June 9	Henry R. Pattengill,	
and 10	For services and expenses as member of the Board of Education:	
	2 days at board meeting	6 00
	railroad fare Lansing to Ypsilanti	2 15
	" " Ypsilanti to Lansing	2 05
	hack, \$1.00; chair car, 25c; hotel expense, \$2.50	3 75
	3 days at board meeting	9 00
	railroad fare Lansing to Ypsilanti and return	4 20
	hack fare	1 00
	hotel expenses	3 00
Apr. 27		
28 & 29	3 days at board meeting	9 00
	railroad fare Lansing to Ypsilanti and return	4 10
	hotel	4 00
	hack fare	75
May 14		
15 & 16	visits to Normal School on committee work 3 days	9 00
	Lansing to Ypsilanti via Jackson	2 15
	Ypsilanti to Lansing via Detroit	3 40
	hotel	4 00
	hack fare	1 00
25-26-27	3 days board meeting	9 00
	fare Lansing to Ypsilanti via Jackson	2 15
	hotel expense	4 50
	fare Ypsilanti to Lansing via Howell	2 05
	hack	1 00
	telegram	25
Mar. 8	P. F. Powers,	
	For services and expenses as member of the Board of Education:	
	5 days at meeting of board	15 00
	railroad fare Cadillac to Ypsilanti and return	14 75
	hotel expense	9 00
	hack and restaurant	75
	3 days at board meeting	9 00
	railroad fare Cadillac to Ann Arbor and return	11 40
	hotel expense, \$4.50; hack and restaurant, \$1.35	5 85
27	expense from Ypsilanti	25
	3 days service	9 00
Apr. 12		
13-14-15	4 " "	12 00
	railroad fare Cadillac to Ypsilanti and return	14 75
	hotel expense, \$6.50; hack and restaurant, 75c	7 25
20-21-22	3 days service	9 00
	railroad fare Cadillac to Lansing and return	8 95
	hotel expense, \$4.50; hack and restaurant, 95c	5 45
	<i>Allowed June 28, 1898.</i>	
27	P. F. Powers,	
	For services and expenses as member of the Board of Education:	
	4 days at meeting of board	12 00
	railroad fare, Cadillac to Ann Arbor and return	11 50
	" " Ann Arbor to Ypsilanti and return	50
	hotel expense, \$6.50; hack and restaurant, 80c	7 30
May 1	2 days	6 00
	railroad fare, Cadillac to Lansing and return	8 95
	hotel, \$3.50; hack and parlor car, 75c	4 25
20	3 days	9 00
	railroad fare, Cadillac to Lansing, \$8.95; sleeper, \$1.50; chair car, 50c	10 95
	hotel, Grand Rapids, \$1.25; hotel, Lansing, \$2.50	3 75
24	telegram to Lansing, 50c; telegram to Ypsilanti, 50c	1 00
27	3 days	9 00
	Amount carried forward	\$1,286 53

State Board of Education vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
May 27	Amount brought forward	\$1,986 58
	P. F. Powers,	
	For railroad fare, Cadillac to Ypsilanti and return	14 75
	sleeping car to Grand Rapids	1 50
	hotel	4 50
	restaurant and hack	1 25
	Total for general allowance	\$2,008 53
	PRINTING.	
	<i>Allowed July 27, 1892.</i>	
Apr. 11	Robert Smith & Co.,	
	For 200 circulars relative to State certificates, sam. 25	\$1 12
	<i>Allowed October 26, 1892.</i>	
Sept. 9	Robert Smith & Co.,	
	For 100 questions, algebra, sam. 12	50
	100 " arithmetic, " 12	50
	100 " geometry, " 12	50
	100 " physics, " 12	50
	100 " botany, " 12	50
	100 " zoology, " 12	50
	100 " chemistry, " 12	50
	100 " geology, " 12	50
	100 " theory and art, " 12	50
	100 " rhetoric, " 12	50
	100 " physiology, " 12	50
	100 " reading, " 12	50
	100 " grammar, " 12	50
	<i>Allowed January 25, 1893.</i>	
Jan. 10	Robert Smith & Co.,	
	For 100 circulars No. 19, sam. 13	60
	100 questions, algebra, " 12	50
	100 " arithmetic, " 12	50
	100 " geography, " 12	50
	100 " geometry, " 12	50
	100 " physics, " 12	50
	100 " botany, " 12	50
	100 " geology, " 12	50
	100 " physiology and hygiene, " 12	50
	100 " chemistry, " 12	50
	100 " zoology, " 12	50
	100 postal cards to school commissioner, " 8	30
	100 blanks, No. 20, " 27	1 75
	600 wrappers, town library, " 20	1 00
	400 " school district, " 20	1 00
	300 blank addresses, " 20	1 00
16	200 Normal School certificate blanks, " 16	2 12
	500 " " " 16	3 48
	paper for same	1 75
17	composition on 2,700 copies of report, page 1 to 82, 197,065 ems, @ 27c	58 21
	presswork, 48 tokens, @ 15c	7 20
	alteration on copy, galley proof, 4 hours, @ 30c	1 20
	Total for printing	\$96 23
	BINDING.	
	<i>Allowed March 29, 1893.</i>	
Mar.	Robert Smith & Co.,	
	For binding 1 minutes Liber B. Russia ends and backs, 8 quires, sam. 80	\$2 40
	paper for same	1 25
	ruling	1 25
	padding, sam. 51	42
	Total for binding	\$5 32

ANNUAL REPORT OF THE

State Board of Education vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed March 26, 1893</i>	
Mar. 15	Theo. L. Backus, For 2 M envelopes, sam. 210	\$2 84
	1 " I. N. eyelets, sam. 96	38
	1 " McGill's fasteners, sam. 98	2 10
	1 marking brush N. O. C.	15
	¼ doz. envelope openers N. O. C.	3 60
	6 pen racks, sam. 155	72
	1 lb sponges, sam. 156	1 75
	<i>Allowed May 31, 1893.</i>	
Feb. 25	Ihling Bros. & Everard, For 4 reams 17x22 30 lb Hornet linen @ 25c, sam. 24	20 00
	lithographing 8 M letter heads @ \$3.00	24 00
	block 4 M letter heads, 40 blocks @ 2c	80
	Total for stationery	\$56 32
	RECAPITULATION.	
	General allowance	\$2,008 53
	Printing	86 28
	Binding	5 32
	Stationery	56 32
	Total allowance for State Board of Education	\$2,156 40

Board of Corrections and Charities vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
July 28	Herbert A. Forrest, (Section 6, act 86, laws 1889.) For visit to Eastern Michigan Asylum:	
	Pontiac, hack, 25c	\$0 25
	railroad to Pontiac and return	4 20
	supper, 50c, hack, 25c	75
<i>Allowed September 28, 1892.</i>		
Sept. 8	Herbert A. Forrest, Proposed appropriation, section 6, act 86, laws 1889.	
	For fare, Saginaw to Flint and return	1 80
	back to school	50
	cars at Saginaw	10
6	James M. Neasmith, Proposed appropriation section 6, act 86, laws 1889.	
	For fare, Vicksburg to Lansing and return	2 74
	hotel and street car	2 50
	fare to Ionia	1 15
	hotel	1 00
	hack	50
7	fare to Durand	1 70
	supper	50
	fare to Flint	32
8	hotel	1 00
	fare to Lansing	99
20	fare to Kalamazoo	35
	dinner	50
21	fare to Coldwater	1 89
	meals	1 00
22	fare to Adrian	1 90
	" Jackson	1 25
	" Vicksburg	1 81
	dinner	50
7	Sam'l Bell, Proposed appropriation, section 6, act 86, laws 1889.	
	For railroad, Lansing and return	5 60
	meals	1 00
	bus, 25c, street car, 10c, carriage, 50c	85
12	railroad to Jackson and return	5 25
	hotel and bus	3 75
21	railroad to Kalamazoo	5 30
	carriage to asylum	1 00
	railroad to Coldwater	1 80
	meals	1 00
23	railroad to Adrian	1 90
	meals	1 00
28	railroad to Detroit	2 40
	telephone	25
	hack	50
July 28	Geo. Gillespie, For Eastern Asylum to examine plans, etc.:	
	railroad Grand Rapids to Pontiac (1/4 fare)	2 00
	tea at Durand	50
	hotel at Pontiac	1 00
	railroad to Grand Haven	2 45
	tea in car	45
	hack, Grand Haven	25
	chair car to and from Pontiac	50
Sept. 6	Lansing to examine estimates, etc.:	
	railroad fare to and from Lansing (1/4 fare)	2 00
	chair car	25
	telegram to secretary	25
	L. C. Storrs, For proposed appropriation, sec. 6, act 86, laws 1889:	
	railroad fare to Ionia	1 15
	telegram	25
	Amount carried forward	\$71 86

Board of Corrections and Charities vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$71 86
Sept. 7	L. C. Storrs,	
	For hotel, \$1.00; hack to asylum, 50c	1 50
	railroad fare to Durand	1 70
	supper, 50c; railroad to Flint, 33c	88
8	hotel, \$1.00; railroad to Lansing 90c, street car, 5c	2 04
20	hack, 25c; railroad to Battle Creek, 90c	1 15
	supper, 50c; hack, 25c	75
	railroad to Kalamazoo	70
21	" Coldwater	1 80
	meals	1 00
22	railroad to Adrian	1 90
23	" Jackson	1 85
	lunch (for three)	45
	hack	75
	from prison	50
	<i>Allowed October 28, 1892.</i>	
29	Samuel Bell,	
	(Section 6, act 86, laws of 1889.)	
	For railroad Northern Michigan Asylum, Traverse City and return	15 50
	hotel and meals en route	2 75
	sleeper, \$2.00; bus, 50c; hack, 50c	3 00
	J. M. Neasmith,	
	For visit Northern Michigan Asylum, Traverse City:	
	railroad fare to Traverse City and return to Vicksburg	14 94
Oct. 1	hack Lansing, 25c; meals en route, 80c	1 05
	Traverse, 25c; hotel, \$1.00	1 25
	street car	15
	<i>Allowed December 28, 1892.</i>	
Sept. 21	Herbert A. Forest,	
	For expenses under provisions of section 6, act 86, laws of 1889:	
	hack (E. S.), 25c; railroad to Battle Creek, \$2.75	3 00
	telegram, 25c; chair car, 50c; bus, 25c	1 00
	railroad to Kalamazoo, \$1.20; carriage to asylum, \$1.00	2 20
22	" Coldwater, \$1.80; supper, \$1.00	2 80
	" Adrian, \$1.80; railroad to Jackson, \$1.35	3 25
	carriage to prison, 25c; railroad to Owosso, \$1.90	2 15
	supper, 50c; railroad to Baginaw, \$1.10; hack, 25c	1 85
30	hack, 25c; railroad to Durand, \$1.20; telegram to board, 40c	1 85
	railroad to Cadillac, \$4.05; dinner, 50c	4 55
	Traverse City and return	2 75
Oct. 1	dinner at Cadillac, 50c; railroad to Clare, \$1.45; to Saginaw, \$1.75	3 70
	hack (Saginaw)	25
Sept. 29-30	Geo. D. Gillespie,	
	For Northern Asylum to examine estimates, etc.,	
	railroad to Traverse City $\frac{1}{4}$, \$2.05; lunch, 25c; hack, 25c; hotel, \$1.00; rail-	
	road return, \$2.20; street car, 5c; hack, Grand Rapids, 25c	6 05
	<i>Allowed February 23, 1893.</i>	
Feb. 1	James M. Neasmith,	
	For examining inmates at Pontiac Asylum, section 28, act 190, laws 1888:	
	Vicksburg to Pontiac	3 37
	supper, 50c; chair car, 25c	75
2	Pontiac to Vicksburg	3 37
	chair car	25
	hack, Lansing	25
	<i>Allowed March 29, 1893.</i>	
	Samuel Bell,	
	For Pontiac Asylum, to examine patients for transfer to Asylum for Dangerous	
	and Criminal Insane, section 28, act 190, laws 1888:	
	fare, Pontiac and return, \$2.25; breakfast, carriage and car fares, \$1.85	4 10
	<i>Allowed May 31, 1893.</i>	
	Michigan Bell Telephone Co.,	
	For message from April 2 to 14, 1893, inclusive	50
	<i>Allowed June 28, 1893.</i>	
June 1	Dr. Samuel Bell,	
	For railroad fare Detroit to Grand Rapids and return	9 50
	" " Grand Rapids to Traverse City and return	8 50
	Amount carried forward	\$193 16

Board of Corrections and Charities vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 26, 1898.</i>	
	Amount brought forward.....	\$198 16
June 1	Dr. Samuel Bell.....	8 50
	For hotel and expense at Detroit.....	1 90
May 31	Jas. M. Neesmith.....	
to	For railroad fare Vicksburg to Traverse City and return.....	12 40
June 2	hotel and lunch, \$2.20; hack, 50c; telegram, 30c.....	3 00
10	R. L. Polk & Co.,.....	
	For 1 copy Michigan Gazetteer 1893-4.....	5 00
	Total for general allowance.....	\$218 96
	PRINTING.	
	<i>Allowed February 28, 1898.</i>	
Feb. 6	Robert Smith & Co.,.....	\$8 28
	For 2,000 notice of appointment, sam. 25.....	3 95
	1,000 blanks, orders, disposal of child, sam. 80.....	
	<i>Allowed May 31, 1898.</i>	
Apr. 26	Robert Smith & Co.,.....	3 28
	For 2,000 notice of appointment of agents, sam. 25.....	8 35
	1,000 order, disposition of child, sam. 39.....	20 75
	2,000 jail inspections, report, sam. 62.....	
	<i>Allowed June 28, 1898.</i>	
June 20	Robert Smith & Co.,.....	
	For composition on 1,000 copies of proceedings of 11th annual conference of county agents from page 1 to 93, 180,499 ems @ 27c.....	48 73
	presswork, 60 tokens @ 15c.....	9 00
	composition on 11th biennial report from page 1 to 189, 598,666 ems (2,500 copies) @ 27c.....	161 64
	presswork, 360 tokens @ 15c.....	54 00
	Total for printing.....	\$307 38
	BINDING.	
	<i>Allowed December 28, 1892.</i>	
Dec. 8	Robert Smith & Co.,.....	\$0 55
12	For binding 200 reports with covers, sam. 11.....	85
	200 covers, reports, sam. 21.....	
	<i>Allowed March 29, 1898.</i>	
Mar. 3	Robert Smith & Co.,.....	120 00
	For binding 1,200 reports in cloth, sam. 4.....	85
	extra folding table in same, sam. 16.....	1 20
	pastng, sam. 54.....	
	Total for binding.....	\$123 96
	STATIONERY.	
	<i>Allowed January 25, 1898.</i>	
Jan. 16	Ihling Bros. & Everard.....	\$4 32
	For 1 ream superfine 17x28, 32 lbs @ 13¼c, sam. 22.....	
	<i>Allowed March 29, 1898.</i>	
Feb. 21	Ihling Bros. & Everard.....	4 32
	For 1 ream 17x28, 32 lbs superfine at 13¼c, sam. 22.....	
	<i>Allowed April 26, 1898.</i>	
Apr. 4	Ihling Bros. & Everard.....	4 32
	For 1 ream 32 lb superfine 17x28 @ 13¼c, sam. 22.....	
	<i>Allowed May 31, 1898.</i>	
May 6	Ihling Bros. & Everard.....	9 72
	For 2 reams 17x28 32 lb superfine @ 13¼c, sam. 22.....	6 48
	1 ream 21x28 48 lb " @ 13¼c, " 22.....	
	Amount carried forward.....	\$29 16

ANNUAL REPORT OF THE

Board of Corrections and Charities vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
June 28	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$29 16
	F. A. Alexander, For 1 typewriter brush	2 25
	Total for stationery	\$31 41
	RECAPITULATION.	
	General allowance	\$218 36
	Printing	307 33
	Binding	122 96
	Stationery	81 41
	Total allowance for Board of Corrections and Charities	\$690 11

State Board of Health vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 8	Chicago Photo Engraving Co., For 8 photo engraved plates. "Diagram" exhibiting comparative mortality in Michigan from scarlet fever and small-pox before and after establishment of the State Board of Health, etc.; "Diagram 2" by months for a period of eight years, 1877-84, the relation of the sickness in Michigan from pneumonia to the atmospheric temperature; Diagram by months for a period of eight years, 1877-84, the relation between sickness in Michigan from pneumonia and the average atmospheric temperature (to illustrate the annual report of the State Board of Health for 1892) 108 inches at 5c	\$5 40
<i>Allowed August 31, 1892.</i>		
Aug. 3	Chicago Photo Engraving Co., For 1 photo engraved plate (Bacilli from Military tubercle) to illustrate the annual report of the State Board of Health.....	50
<i>Allowed September 28, 1892.</i>		
25	Chicago Photo Engraving Co., For 1 photo engraved plate. "Alleged source of outbreak of typhoid fever at Sand Beach".....	1 45
	5 photo engraved plates. "Weekly reports of sickness in Michigan," to illustrate annual reports of State Board of Health.....	8 25
<i>Allowed November 30, 1892.</i>		
Nov. 9	Chicago Photo Engraving Co.: For 1 photo engraved plate, ventilation of asylum Traverse City, to illustrate the annual report of the State Board of Health, 1890, 12 inches @ 5c	60
Oct. 26	3 photo engraved plates, direction of wind at stations in Michigan in 1890 and premises where typhoid fever occurred in the village of Climax, 31 in. wind direction in Michigan, year and months 1890, 10 in.	1 55
29	13 plates (diagrams I to XII and XVI to illustrate meteorological article in annual report of State Board of Health for 1891) 429 inches @ 5c.....	50 21 45
<i>Allowed May 31, 1893.</i>		
May 1	Doan & Urban, For 1 No. 1 oak desk.....	\$50 00
	less 15 per cent	7 50
		42 50
<i>Allowed June 28, 1893.</i>		
4	Henry B. Baker. For freight paid on T. W. cabinet for the office of State Board of Health.....	2 10
	Total for general allowance.....	\$84 90
PRINTING.		
<i>Allowed July 27, 1892.</i>		
Apr. 8	Robert Smith & Co., For alterations on copy, Iron Mountain sanitary convention, supplement to the annual report: galley 1 to 17, 4 hours @ 30c.....	\$1 20
<i>Allowed October 26, 1892.</i>		
Oct. 19	Robert Smith & Co., For alterations in copy on printing proceedings of Holland convention: galley 1 to 28 and matter suppressed, 13½ hours @ 30c.....	4 05
<i>Allowed December 28, 1892.</i>		
Dec. 20	Robert Smith & Co., For composition on report of State Board of Health from page I to LXXX and 183 to 238, 699,943 ems @ 30c.....	188 98
	presswork, 588 tokens @ 15c.....	88 20
	composition on 2,000 copies of Holland Sanitary Convention from page 1 to 66, 136,554 ems @ 27c.....	36 87
	presswork, 81 tokens @ 15c.....	12 15
	Amount carried forward	\$331 45

ANNUAL REPORT OF THE

State Board of Health vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$331 45
Dec. 20	Robert Smith & Co., For alteration on copy as follows, viz., in annual report of the Board of Health, galley 27, 1 hour	30
Jan. 19	alteration on copy of report for State Board of Health: galleys 84 to 86, 1 hour; 87 to 98, 3½ hours; 97 to 108, 1½ hours; 107 to 109, ¼ hour; 114 to 116, 1 hour; page proof signatures 29 and 30, 4 hours; 11½ hours @ 30c.....	3 45
	Total for printing	\$335 20
	RECAPITULATION.	
	General allowance	\$94 30
	Printing	335 20
	Total allowance for State Board of Health	\$419 50

State Board of Inspectors vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 4	Howard Hovey, For salary as secretary State Board of Inspectors; July	\$35 00
	American Express Co., For express July 7-8.....	55
	National Express Co., For express.....	25
	<i>Allowed August 31, 1892.</i>	
	Howard Hovey, For salary as secretary of Board of Inspectors for August.....	25 00
	Western Union Telegraph Co., For messages July 13 to 30	1 60
	<i>Allowed September 26, 1892.</i>	
	Howard Hovey, For salary as secretary of State Board of Inspectors for September	25 00
	Western Union Telegraph Co., For messages August 3 to 8.....	75
	American Express Co., For express, August 10 to September 16.....	1 05
	American Express Co., For express, August 10 and 24	80
	<i>Allowed October 26, 1892.</i>	
	Western Union Telegraph Co., For messages for September	87
	<i>Allowed November 29, 1892.</i>	
	Howard Hovey, For salary as secretary State Board of Inspectors for October and November....	50 00
	<i>Allowed December 26, 1892.</i>	
Dec. 27	Howard Hovey, For salary as secretary of State Board of Inspectors for December	25 00
	George B. Colwell, For work on biennial report of Board of Inspectors	25 00
	Western Union Telegraph Company, For messages from Nov. 4, to 10, inclusive.....	75
	<i>Allowed January 25, 1893.</i>	
	J. H. Cole, For services as secretary of the State Board of Inspectors for month of January, 1893.....	25 00
	Western Union Telegraph Co., For messages from December 2 to 27, inclusive.....	1 27
	<i>Allowed February 23, 1893.</i>	
	J. H. Cole, For services as secretary State Board of Inspectors for February, 1893.....	25 00
	Western Union Telegraph Co., For message, January 27, 1893.....	27
	American Express Co., For express, December 7, 1892.....	55
	<i>Allowed March 29, 1893.</i>	
Mar. 16	J. H. Cole, For services as secretary of Board of Inspectors for March, 1893	25 00
	Cora Bell Weber, For typewriting for State Board of Inspectors	50
	Western Union Telegraph Co., For messages from February 7, 1893, to 13, inclusive	74
	<i>Allowed April 26, 1893.</i>	
April 11	J. H. Cole, For services as secretary of State Board of Inspectors for April, 1893	25 00
	Mrs. Cora Webber, For typewriting for State Board of Inspectors	2 00
	Amount carried forward	\$287 96

ANNUAL REPORT OF THE

State Board of Inspectors vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
April 11	Amount brought forward	\$287 95
	Western Union Telegraph Co.,	
3	For messages from March 1, 1893, to 14, inclusive.....	5 95
	Robert Smith & Co.,	
	For express on books from Jackson	30
14	sent to us to be bound, extra	25
	freight on books from Adrian	25
	<i>Allowed May 31, 1893.</i>	
	J. H. Cole,	
	For services as secretary of Board of Inspectors	25 00
	Western Union Telegraph Co.,	
	For messages, April 5, 1893.....	25
	<i>Allowed June 28, 1893.</i>	
	Western Union Telegraph Co.,	
	For messages from May 29 to 30, 1893, inclusive.....	50
	Total for general allowance.....	\$330 44
	PRINTING.	
	<i>Allowed May 31, 1893.</i>	
26	Robert Smith & Co.,	
	For 1,000 letter heads, sam. 50.....	\$0 90
	500 Monthly Reports, sam. 31.....	2 60
	Total for printing.....	\$3 50
	BINDING.	
	<i>Allowed March 29, 1893.</i>	
Mar. 11	Robert Smith & Co.,	
	For binding 200 reports of Board of Inspectors, cloth, sam. 4.....	\$20 00
	100 " " Industrial Home for Girls, cloth, sam. 4.....	10 00
	pasting 600 plates in same, sam. 54	60
	<i>Allowed April 26, 1893.</i>	
Apr. 3	Robert Smith & Co.,	
	For binding with covers 800 reports, sam. 11.....	2 20
	pasting 800 1/4 sheets in same, " 54.....	50
	binding with covers 800 sixth biennial report of Warden of State House of	
	Correction, Ionia, sam. 11.....	2 20
	extra folding 800 tables No. 17, sam. 16.....	24
	pasting 800 same in book, " 54.....	80
4	binding 100 biennial reports, cloth, upper peninsula, sam. 4.....	10 00
	pasting 100 1/4 sheets in same, sam. 54.....	10
	binding 100 sixth biennial reports of warden of State House of Correction	
	of Ionia, cloth, sam. 4.....	10 00
	extra folding 100 tables No. 17, sam. 16.....	02
	pasting 100 same in book, sam. 54.....	10
	Total for binding	\$37 07
	STATIONERY.	
	<i>Allowed November 30, 1892.</i>	
Oct. 31	Ihling Bros. & Everard.	
	For 24, No. 103 Acme pads @ \$4.00 per 100.....	\$0 96
	24, " 107 " " @ 10.00 " 100.....	2 40
	24, " 108 " " @ 16.00.....	3 84
		\$7 20
	20% off	1 44
		\$5 76
	<i>Allowed February 23, 1893.</i>	
1891	Theo. L. Backus.	
Dec. 12	For 1/2 ream 6 Gazelle note.....	75
	1 " 12 " letter.....	2 50
	100 753-5 envelope.....	40
	Amount carried forward.....	\$6 41

State Board of Inspectors vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed February 23, 1892.</i>	
	Amount brought forward.....	\$9 41
1891 Dec. 12	Theo. L. Backus, For 1 diary.....	1 50
	1 office knife.....	2 75
	1 dozen Faber's hex. pencils.....	80
	1 " Parks blotters.....	75
	1 quart Arnold ink.....	50
	1 " mucilage.....	75
	1 glass top mucilage stand.....	50
	1 hand blotter.....	1 00
	1 steel eraser.....	1 00
	express to Ann Arbor.....	40
11	1 waste basket, 50c; 1 letter book, \$2.15; 1 box fasteners, 50c.....	2 95
	1 4 qr. blank record, \$1.50; 100 office files, \$2.50.....	4 10
	1 gross 20 rubber bands.....	75
	1 " 50 ".....	40
	1 index memorandum book, 50c; 2 Vest memorandum book, 70c.....	1 20
	1 memorandum calander pad, 50c; 1 memorandum book, 50c.....	1 00
	1 record.....	1 00
	1 207 standard diary.....	1 00
	1 wood cut signature.....	1 25
	1 rubber stamp and pad.....	50
	<i>Allowed March 29, 1892.</i>	
Feb. 22	Theo. L. Backus, For 1 ream 8 B. paper, plain.....	75
	1 " 25 " ".....	95
	1 " 11 " ".....	1 00
	200 sheets opaline cover paper, 50c.....	50
	100 sheets primrose cover paper.....	40
	1 dozen sheets, 10x12, Hill's blotters.....	2 00
	1 10x12 1,000-page letter book.....	2 00
	2 purple copy typewriter ribbon, \$1.00.....	1 00
	2 brief books, 50c.....	
	<i>Allowed May 31, 1892.</i>	
May 18	Theo. L. Backus, For 1-6 dozen purple cop Remington typewriter ribbon @ \$7.50, sam. 142.....	1 25
	1/4 M B. eyelets @ 36c, sam. 98.....	09
	1/4 " J. N. eyelets @ 36c, sam. 98.....	09
	100 No. 2 McGill flat fasteners @ \$2.10, sam. 98.....	21
	1 M 753-6 government envelopes, sam. 259.....	1 20
	1 " 753-6 1/4 " " " 210.....	1 42
	1/2 M 753-9 " " " @ \$1.89, sam. 204.....	95
	1/2 " 753-10 " " " @ 1.99, " 205.....	1 00
	Total for stationery.....	\$49 42
	RECAPITULATION.	
	General allowance.....	\$320 45
	Printing.....	1 50
	Binding.....	57 07
	Stationery.....	49 42
	Total allowance for State Board of Inspectors.....	\$430 45

Board of Railroad Crossings vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Robert Laughlin, For services as clerk of Board of Railroad Crossings for July, 1892	\$25 00
	<i>Allowed August 31, 1892.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for August	25 00
	<i>Allowed September 28, 1892.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for month of September	25 00
	<i>Allowed October 26, 1892.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for October	25 00
	<i>Allowed November 29, 1892.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for December	25 00
	<i>Allowed January 25, 1893.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for month of January	25 00
	<i>Allowed February 23, 1893.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for the month of February, 1893	25 00
	<i>Allowed March 29, 1893.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for the month of March, 1893	25 00
	<i>Allowed April 26, 1893.</i>	
	Robert Laughlin, For services as clerk of the Board of Railroad Crossings for the month of April	25 00
	<i>Allowed May 31, 1893.</i>	
May 31	E. A. Rundell, For services as clerk of the Board of Railroad Crossings for month of May	25 00
	<i>Allowed June 28, 1893.</i>	
	E. A. Rundell, For services as clerk of the Board of Railroad Crossings for June, 1893	25 00
	Total for general allowance	\$275 00
	RECAPITULATION.	
	Total allowance for Board of Railroad Crossings	\$275 00

State Horticultural Society vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed August 31, 1893.</i>	
July 19	Robert Smith & Co., For composition on 10,000 copies of report from page 151 to 192, 75,476 ems @ 27c.	330 65
	presswork, 84 tokens @ 15c	12 60
Aug. 22	composition on 10,000 copies of report, from page 193 to 255, 356,183 ems @ 27c.	71 25
	presswork, 336 tokens @ 15c	50 40
	<i>Allowed September 28, 1893.</i>	
Sept. 19	Robert Smith & Co., For alterations on copy of report, galleys 43 to 141, 26½ hours; page proof index to peach yellows, 2¼ hours, 29 hours at 30c	8 70
	<i>Allowed October 26, 1893.</i>	
Oct. 18	Robert Smith & Co., For composition on 10,000 copies of report from page 257 to 400, 422,204 ems @ 27c	113 99
	presswork, 756 tokens @ 15c	113 40
	<i>Allowed December 28, 1893.</i>	
Dec. 20	Robert Smith & Co., For alteration on copy of report, viz.: Galleys 1 to 5, new number, ½ hour; gal-	
12	leys 6 to 10, new number, 2 hours; 2¼ hours @ 30c	75
	composition on 10,000 copies of report from page 401 to 523, 344,642 ems @ 27c	93 65
	presswork, 672 tokens @ 15c	100 80
	<i>Allowed January 25, 1893.</i>	
Jan. 17	Robert Smith & Co., For composition on 10,000 copies of report from page 529 to 592, 261,068 ems @ 27c	70 49
	presswork, 336 tokens @ 15c	50 40
	alteration on copy, galleys 11 to 33, 2½ hours @ 30c	75
	<i>Allowed February 23, 1893.</i>	
Feb. 14	Robert Smith & Co., For composition on 10,000 copies of report from page 593 to 672, 842,240 ems @ 27c	227 49
	presswork, 420 tokens @ 15c	63 00
	<i>Allowed March 29, 1893.</i>	
Mar. 22	Robert Smith & Co., For composition on 10,000 copies of report from page 673 to 739, 647,472 ems @ 27c	174 82
	presswork, 336 tokens @ 15c	50 40
	Total for printing	\$1,223 47
	BINDING.	
	<i>Allowed March 29, 1893.</i>	
1	Robert Smith & Co., For binding 200 reports, sam. 5	324 00
	<i>Allowed May 31, 1893.</i>	
Apr. 3	Robert Smith & Co., For binding 1,000 reports, cloth, sam. 5	120 00
	25 " sent M. Reid, sam. 5	8 00
	" 1,000 " " " " 5	120 00
	" 1,000 " " " " 5	120 00
	" 1,000 " " " " 5	120 00
	" 1,000 " " " " 5	120 00
	" 1,000 " " " " 5	120 00
	Total for binding	\$747 00
	RECAPITULATION.	
	Printing	\$1,223 47
	Binding	747 00
	Total allowance for State Horticultural Society	\$1,970 47

State Board of Regents vs. The State of Michigan.

GENERAL ALLOWANCE.

-Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
June 28	Herman Kiefer,	
29, 30	For services and expenses as member of the Board of Regents of the University of Michigan, regular meeting of the board:	
	railroad fare to Ann Arbor and return	\$2 10
	street cars and hack	50
	hotel bill 2½ days	5 00
May 16	W. J. Cocker,	
and 19	For services and expenses as member of the Board of Regents:	
	fare from Adrian to Ann Arbor	2 85
	" " Ann Arbor to Adrian	2 85
	hotel bill	8 00
	carriage and car fare	50
Jan. 20	Henry Howard,	
	For services and expenses as member of the Board of Regents:	
	railroad fare, Port Huron to Ann Arbor and return	5 60
	hotel at Detroit	5 00
	bus	50
	hotel bill at Ann Arbor	50
Feb. 22	railroad fare, Port Huron to Ann Arbor and return	5 60
	hotel at Detroit	5 00
	bus	50
	hotel at Ann Arbor	50
May 22	railroad fare, Port Huron to Ann Arbor and return	5 60
	hotel at Detroit	5 00
	bus	50
	hotel at Ann Arbor	50
June 28	railroad fare, Port Huron to Ann Arbor and return	5 60
	hotel at Detroit	5 00
	bus	50
	hotel, Ann Arbor	50
July 27	P. N. Cook,	
28, 29	For services and expenses as member of the Board of Regents:	
	hotel bill	6 00
	hack and bus bill	1 50
	railroad fare from Ann Arbor to Corunna and return	3 70
<i>Allowed September 28, 1892.</i>		
27	Charles R. Whitman,	
	For services and expenses as member of the Board of Regents; for expenses attending meeting committee of the Board of Regents:	
	hotel expenses and meals	3 00
	hack fares	1 00
May 17	R. W. Butterfield:	
	For services and expenses as member of the Board of Regents:	
	railroad fare	5 40
	hotel	85
	hack	1 00
June 28	railroad fare	7 70
	hotel	1 00
	hack and street car	35
	sleepers	1 75
Sept. 21	railroad fare	5 40
	hotel	2 50
	street car and hack	80
19	Charles Hebard,	
	For services and expenses as member of the Board of Regents:	
	fare, L'Anse to Chicago	11 62
	sleepers	2 50
	meals	1 00
	fare, Chicago to Ann Arbor	6 65
	parlor car	1 25
	supper	1 00
	board in Ann Arbor	3 80
	expenses to return (same)	26 62
June 27	fare, L'Anse to Detroit	17 70
	sleeping car	3 00
	Amount carried forward	\$171 99

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State Board of Regents vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 29, 1892.</i>	
June 27	Amount brought forward	\$171 09
	Charles Hebard,	
	For meals	1 50
	fare, Detroit to Ann Arbor	1 10
	hack	25
	board in Ann Arbor	2 00
29	hack	25
	fare to Chicago	6 35
	sleeper	2 00
	bus	50
	ticket to L'Anse	11 62
	sleeper	2 50
	breakfast	95
	<i>Allowed October 26, 1892.</i>	
Oct. 11	Charles Hebard,	
	For services and expenses as member of Board of Regents of University of Michigan:	
	railroad fare L'Anse to Chicago	11 62
	sleeper	3 50
	bus at Chicago	50
	fare and parlor car to Ann Arbor	7 90
	meals, \$1.50; board in " " \$2.00	3 50
	same expense to return	24 02
June 27 to 31	W. J. Cocker,	
	For services and expenses as member of the Board of Regents:	
	fare from Adrian to Ann Arbor	2 85
	" " Ann Arbor to Adrian	2 85
	hotel bill	4 00
	car fare	25
	<i>Allowed December 29, 1892.</i>	
Aug. 14	W. J. Cocker,	
	For services and expenses as member of Board of Regents of University of Michigan:	
	fare to Pontiac and return	4 20
	hotel bill	1 00
Sept. 19-22	fare from Adrian to Ann Arbor via Detroit	2 85
	" " Ann Arbor to Adrian via Detroit	2 85
	hotel bill	7 50
	car fare	25
Oct. 10-13	fare from Adrian to Ann Arbor via Detroit	2 85
	" " Ann Arbor to Adrian " "	2 85
	hotel bill	7 90
	hack	75
	car fare	15
Nov. 14-17	fare from Adrian to Ann Arbor via Detroit	2 85
	" " Ann Arbor to Adrian " "	2 85
	hotel bill	7 25
	car fare	15
Sept. 10	P. N. Cook,	
	For services and expenses as member of the Board of Regents of University of Michigan:	
	car fare to and from Ann Arbor	3 70
	hack and hotel fare	1 50
18	hotel and hack	3 75
19	" "	1 50
Oct. 10	car fare to and from Ann Arbor	3 70
	hotel and hack	1 50
11	" " " (committee work)	4 00
12	" " "	3 50
13	" " "	3 50
14	" " "	1 75
July	Henry Howard,	
	For services and expenses as member of the Board of Regents of the U. of M.:	
	railroad fare to attend regents' meeting and return to Port Huron	5 20
	hotel bill at Detroit and Ann Arbor	7 50
	bus fare	50
Aug.	railroad fare to attend regents' meeting and return to Port Huron	5 20
	hotel bill at Detroit and Ann Arbor	7 50
	hack fare (2)	50
	Amount carried forward	\$361 75

ANNUAL REPORT OF THE

State Board of Regents vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 23, 1892.</i>	
	Amount brought forward	\$361 75
Sept. 21	Henry Howard,	
	For railroad fare, Port Huron to Ann Arbor and return	5 20
	hotel bill	7 50
	hack fare	50
Oct. 12	railroad fare to attend regents' meeting and return to Port Huron	5 20
	hotel bill at Detroit and Ann Arbor	7 50
	hack fare (2)	50
Nov. 16	railroad fare to attend regents' meeting and return to Port Huron	5 20
	hotel bill at Detroit and Ann Arbor	7 50
	hack fare (2)	50
Dec. 21	railroad fare to attend regents' meeting and return to Port Huron	5 20
	hotel bill at Detroit and Ann Arbor	7 50
	hack fare (2)	50
July 27	Herman Keifer,	
	For services and expenses as member of the Board of Regents of the U. of M.:	
	special committee meeting, railroad fare	2 00
	street car fare, Detroit and Ann Arbor	20
	dinner	50
Nov. 16	meeting of the board, railroad fare	2 00
	street car fare, Detroit and Ann Arbor	25
	hotel bill	2 00
Dec. 21	meeting of board, railroad fare	2 10
	street cars in Ann Arbor and Detroit	25
	hotel bill	2 50
Oct. 20	R. W. Butterfield,	
	For services and expenses as member of the Board of Regents of the U. of M.:	
	railroad fare	5 32
	street car	20
	hotel	50
	chair car	50
Dec. 18	railroad fare	8 05
	sleeper	1 00
	hack	50
	street car	10
	hotel	1 00
	<i>Allowed January 25, 1893.</i>	
1892	P. N. Cook,	
October	For services and expenses as member of the Board of Regents meeting of law	
	committee on settlement with contractor of hospitals:	
	railroad fare	3 70
	hack and hotel	3 50
	" " "	3 00
Nov. 15	meeting of regents:	
	railroad fare	3 70
	hack and hotel	1 50
18	" " "	3 50
17	" " "	3 00
Dec. 20 & 22	W. J. Cocker,	
	For services and expenses as member of the Board of Regents:	
	fare from Adrian to Ann Arbor via Detroit	2 25
	" " Ann Arbor to Adrian " "	2 25
	hotel bill	6 00
	car fare	15
	<i>Allowed February 23, 1893.</i>	
Jan. 9-12	W. J. Cocker,	
	For services and expenses as member of the Board of Regents of University:	
	fare from Adrian to Ann Arbor via Detroit	2 25
	" " Ann Arbor to Adrian " "	2 25
	hotel bill	7 00
	car fare	05
26-28	fare from Adrian to Ann Arbor via Detroit	2 25
	" " Ann Arbor to Adrian " "	2 25
	hotel bill	5 25
	car fare	05
10-12	Herman Klefer,	
	For services and expenses as member of the Board of Regents of the University:	
	meeting of the board, car fare Ann Arbor and Detroit	20
	telegram	25
	railroad fare	2 10
	Amount carried forward	\$505 77

State Board of Regents vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
	Amount brought forward	\$506 77
Jan. 10-12 27	Herman Kiefer: For hotel bill..... meeting with Legislative Committee: cars in Detroit and Ann Arbor..... railroad fare..... hotel bill.....	4 00 40 2 10 1 00
Feb. 9-10	meeting with Senate Committee in Lansing and House Committee in Ann Arbor: telegram to Ann Arbor and Detroit..... street cars..... railroad fare to Lansing..... parlor car..... bus fare..... hotel Lansing..... railroad fare to Ann Arbor..... to Detroit.....	 50 25 2 55 25 25 2 50 1 90 1 15
	<i>Allowed March 29, 1898.</i>	
Dec. 19	P. N. Cook, For services and expenses as member of the Board of Regents of the University of Michigan:	
20	car fare attending board.....	3 70
21	hack and hotel.....	1 50
22	" ".....	3 00
22	" ".....	3 00
1898		
Jan. 9	railroad fare to January meeting.....	3 70
10	hotel, \$2.50; hack, \$1.50.....	4 00
11, 12	hotel and hack.....	3 50
Feb. 26 and 28	W. J. Cooker, For services and expenses as member of the Board of Regents of the University of Michigan:	5 00
	fare from Adrian to Lansing.....	2 35
	Lansing to Adrian.....	2 35
Mar. 9 and 11	hotel bill.....	3 70
	fare from Adrian to Ann Arbor, via Detroit.....	2 85
	Ann Arbor to Adrian.....	2 85
	hotel bill.....	4 00
	car fare.....	15
Feb. 9 and 11	fare from Adrian to Lansing.....	2 85
	hotel bill, \$1.75; hack, 25c.....	2 00
	fare from Lansing to Ann Arbor.....	1 90
	Ann Arbor to Adrian.....	2 85
	hotel bill.....	3 00
	car fare.....	10
14 & 18	fare from Adrian to Ann Arbor, via Detroit.....	2 85
	Ann Arbor to Adrian.....	2 85
	hotel bill, \$5.75; hack, 25c; car fare, 10c.....	6 10
1892	Levi L. Barbour,	
Sept. 20	For services and expenses as member of the Board of Regents of the University of Michigan:	
21	railroad fare from Detroit to Ann Arbor and return.....	2 30
Oct. 12	hotel at Ann Arbor.....	2 00
	railroad fare from Detroit to Ann Arbor and return.....	2 30
	hotel bill.....	2 00
Nov. 16 Dec. 21	railroad fare from Detroit to Ann Arbor and return, \$2.30; hack, 25c.....	2 55
1893	\$2.30; chair car, 50c.....	2 80
Jan. 11	" " " " " " " " "\$2.30; hotel, \$4.00.....	6 30
Feb. 9	" " " " " Lansing " " "\$4.60; " \$2.50.....	7 10
15	" " " " " Ann Arbor " " "\$2.30; " \$1.00.....	3 30
27	" " " " " Lansing " " "\$4.60; " \$2.50.....	7 10
Mar. 9	" " " " " Ann Arbor " " "	2 30
15	" " " " " " " " "\$2.30; hotel, \$1.50.....	3 80
Feb. 27	Herman Kiefer, For services and expenses as member of the Board of Regents of the University of Michigan:	
25	meeting of the medical committee by request of president: railroad fare to Lansing and parlor car.....	2 80
	Detroit " " ".....	2 80
	Amount carried forward	

ANNUAL REPORT OF THE

State Board of Regents vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$644 72
Feb. 28	Herman Kiefer,	
	For bus and street cars in Detroit and Lansing	45
	hotel Downey	2 00
Mar. 9	railroad fare to Ann Arbor and return	2 10
	street cars in Ann Arbor and Detroit	20
	hotel, Ann Arbor	2 00
15	railroad fare to Ann Arbor and return	2 10
	street car in Ann Arbor and Detroit	20
	hotel, Ann Arbor	1 60
11	typewriting of report of committee on medicine, 23 pages	5 00
	<i>Allowed April 26, 1893.</i>	
14	W. J. Cocker,	
	For services and expenses as member of the Board of University:	
	fare from Adrian to Ann Arbor via Detroit	2 85
	" " Ann Arbor to Adrian "	2 85
	hotel bill	5 25
	car fare	25
20-22	fare from Adrian to Ann Arbor via Detroit	2 85
	" " Ann Arbor to Adrian "	2 85
	hotel bill	6 00
	car fare	10
21	Herman Kiefer,	
	For services and expenses as member of the Board of University:	
	railroad fare committee meeting	2 10
	street car	20
	dinner	50
Apr. 19	railroad fare meeting of board	2 10
	street car	20
	dinner	50
	<i>Allowed June 26, 1893.</i>	
Feb. 14	P. N. Cook,	
	For services and expenses as member of the Board of Regents:	
	railroad fare to Ann Arbor and return	3 70
	hack and hotel	3 00
15	" " "	3 50
16	" " "	2 50
Jan. 27	railroad fare	3 70
	hack and hotel	3 50
28	" " "	2 50
9	railroad fare to Ann Arbor and return via Lansing	5 50
9-10	hotel and hack, Lansing	3 75
10-11	" " Ann Arbor	4 50
	Total for general allowance	\$724 57
	RECAPITULATION.	
	Total allowance for State Board of Regents	\$724 57

State Public School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
June 17	Mrs. W. H. Wieand, For railroad Coldwater to Lansing.....	\$2 40
	breakfast at Hillsdale.....	50
	dinner at Lansing.....	50
	railroad Lansing to Ionia and return.....	2 05
18	hotel Ionia, \$1.50; Lansing to Coldwater, \$2.40.....	8 90
	2 days salary at \$2.00.....	4 00
21	railroad Coldwater to Lansing.....	2 30
	supper at Lansing.....	85
	hack, 25c; railroad Lansing to Bay City, \$2.15.....	2 40
	".....	50
22	hotel Bay City.....	1 50
	Bay City to Gaylord and return.....	5 90
	hotel Gaylord.....	1 00
	dinner at Bay City.....	50
23	Bay City to Saginaw.....	30
	hack, 50c; hotel Saginaw, \$2.00.....	2 50
24	railroad Saginaw to Jackson.....	2 95
	Jackson to Coldwater.....	1 30
	4 days salary at \$2 00.....	8 00
27	railroad Coldwater to Lansing.....	2 30
	Lansing to Lapeer.....	1 85
	hotel and hack, Lapeer.....	2 00
	Lapeer to Lansing.....	1 85
28	street car Lansing, 10c; hotel, \$1.50.....	1 60
29	railroad Lansing to Coldwater.....	2 30
	3 days salary @ \$2.00.....	6 00
30	railroad Coldwater to Lansing.....	2 90
	hack and hotel Lansing.....	1 75
July 1	street car, 5c; railroad Lansing to Howell, \$1.00.....	1 05
	transfer.....	25
2	railroad Howell to Durand.....	70
	Durand to Brent Creek.....	50
	hotel.....	75
	railroad Brent Creek to Lansing.....	1 15
	street car.....	05
3	hotel, Lansing.....	1 00
	Lansing to Coldwater.....	2 30
	3 days' salary @ \$2.00.....	6 00
11	W. H. Wieand, For expenses incurred in returning children from State Public School at Cold- water to the counties from which they were received: Henry Bush, Ionia:	
	railroad fare, Coldwater to Ionia.....	8 45
	hack at Lansing.....	50
	supper.....	50
12	hotel, Ionia, \$1.00; dinner, Lansing, 50c.....	1 50
	hack at Lansing, 25c; supper, 50c.....	75
	railroad fare, Ionia to Coldwater.....	3 45
	" " for boy from Coldwater to Ionia.....	1 90
5	Mrs. W. H. Wieand, For railroad, Coldwater to Grand Rapids.....	3 25
	hotel and hack.....	2 00
6	railroad, Grand Rapids to Big Rapids.....	1 70
	dinner.....	50
	hack.....	25
	railroad, Big Rapids to Petoskey and return.....	7 80
	supper at Kalkaska.....	50
	hotel, Petoskey.....	1 00
7	dinner at Cadillac.....	50
	railroad, Big Rapids to Ionia.....	1 85
	Ionia to Lansing.....	1 15
	hotel, Lansing.....	1 50
8	street car, 5c; hack, 25c.....	30
	Lansing to Coldwater.....	2 30
	four days' salary @ \$2.00.....	8 00
9	railroad, Coldwater to Elkhart and return.....	2 70
	supper.....	50
	Amount carried forward.....	\$124 96

State Public School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 14	Amount brought forward.....	\$124 96
	Mrs. W. H. Wisand,	
	For 1 day's salary.....	2 00
	railroad Coldwater to Jackson.....	1 30
	breakfast Hillsdale.....	35
	railroad Jackson to Detroit.....	2 30
	dinner.....	50
	street car.....	10
	Detroit to Royal Oak and return.....	70
	supper.....	25
15	livery at Royal Oak.....	1 00
	1 day at Detroit.....	25
16	hotel Detroit.....	3 00
	Detroit to Coldwater.....	3 25
	3 days salary @ \$2.....	6 00
	<i>Allowed August 31, 1892.</i>	
July 23	W. H. Wisand,	
	For expenses incurred in returning children from State Public School at Cold-	
	water to the counties from which they were received: Verry Koon to	
	Adrian, Edward Chapoton to Pontiac, Eva Ross to Wayne and Edward	
	Hartwell to Lapeer:	
	returning Verry Koon to Adrian:	
	railroad fare, round trip Coldwater to Adrian.....	2 75
	Verry Koon's railroad fare.....	1 05
	street car fare.....	15
25	Eddie Chapoton to Pontiac:	
	railroad fare to Pontiac and return.....	9 50
	hacks.....	1 00
	boy's railroad fare.....	2 15
	dinner for boy, 50c; self, 75c.....	1 25
26	hotel at Detroit.....	2 50
	Eva Ross to Wayne:	
	railroad fare for child, Coldwater to Wayne.....	1 00
	hack at Jackson for child.....	25
	breakfast at Hillsdale.....	50
	" child.....	25
Aug. 12	Edward Hartly to Lapeer:	
	railroad fare to.....	3 80
	" " boy.....	3 80
	hotel bill for boy, \$1.00; self, \$2.00.....	3 00
	hack at Lansing.....	25
	railroad fare to Coldwater.....	3 80
July 21	Mrs. W. H. Wisand,	
	For horse keep Union City.....	25
	railroad Union City to Niles.....	1 65
	supper, 50c; hack, 25c.....	75
	railroad Niles to Benton Harbor.....	70
	hotel and hack.....	1 50
22	railroad Benton Harbor to Elkhart.....	1 80
	street car.....	05
	Elkhart to Coldwater.....	1 00
	lunch Elkhart.....	25
	2 days' salary @ \$2.....	4 00
25	railroad Coldwater to Lansing.....	2 30
	supper and hack.....	75
	Lansing to Lake Odessa.....	1 00
	hotel.....	1 00
26	Lake Odessa to Howell.....	2 00
	livery.....	1 50
	dinner at Howell.....	50
	railroad Howell to Lansing.....	1 00
27	hotel Lansing.....	1 50
	Lansing to Coldwater.....	2 30
	3 days' salary @ \$2.00.....	6 00
29	railroad Coldwater to Jackson.....	1 30
	hack.....	25
	railroad Jackson to Mackinaw.....	8 70
	hotel Bay City.....	2 00
30	hack " " 50c; supper Mackinaw, 50c.....	1 00
	railroad Mackinaw to Petoskey.....	1 05
	hotel Petoskey.....	3 00
	Amount carried forward.....	\$223 96

State Public School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
Aug. 2	Amount brought forward	\$233 66
	Mrs. W. H. Wieand,	
	For railroad Petokey to Grand Rapids	5 75
3	hotel	1 50
	hack, 50c; railroad Grand Rapids to Coldwater, \$3.25	3 75
	4 days' salary @ \$2.00	8 00
<i>Allowed September 28, 1892.</i>		
11	Mrs. W. H. Wieand,	
	For expenses incurred in returning children from State Public School at Cold-	
	water to the counties from which they were received: Mary Meyers to	
	Mason Co., Chas. Plant to Osceola Co., A. D. Gridley to Gratiot Co.:	
	railroad, of attendant, Coldwater to Grand Rapids	2 25
	hack and hotel at Grand Rapids	1 75
12	Grand Rapids to Reed City	2 05
	Reed City to Ludington	1 50
	hotel and hack, Ludington	2 50
11	railroad fare of Mary Meyers to Grand Rapids	3 25
	hack and hotel in Grand Rapids	1 50
12	Grand Rapids to Reed City	2 05
	Reed City to Ludington	1 50
11	Chas. Plant, Coldwater to Grand Rapids	1 65
12	hack and hotel in Grand Rapids	75
	railroad, Grand Rapids to Reed City	1 05
	Reed City to Hersey	05
13	Ludington to Grand Rapids	3 10
	hotel and hack, Grand Rapids	1 00
	railroad, Grand Rapids to Coldwater	3 25
29	" of A. D. Gridley, Coldwater to Ithaca via Jackson	2 10
11-12-13	3 days' salary @ \$2.00	6 00
19	railroad, Coldwater to Battle Creek	1 95
20	" Battle Creek to Coldwater	1 95
	hotel	2 00
	two days' salary @ \$2.00	4 00
29	railroad, Coldwater to St. Louis via Jackson	4 49
	supper at Lansing	50
	hotel, St. Louis	1 00
30	hack, "	50
	railroad, St. Louis to Coldwater	4 40
	hotel, Jackson, \$1.00; hack, 25c	1 25
	3 1/4 days' salary @ \$2.00	5 00
Sept. 1	railroad, Coldwater via Jackson to Detroit	3 55
	breakfast at Hillsdale	25
	hack, Jackson	25
	dinner and hack, Detroit	75
	railroad, Detroit to Port Huron and return	2 32
2	hotel and hack, Port Huron	2 50
	" Detroit	2 00
	lunch at Adrian	25
3	railroad, Detroit to Coldwater	3 25
	3 days' salary @ \$2.00	6 00
9	railroad, Coldwater to Adrian and return	2 70
	one day's salary @ \$2.00	2 00
<i>Allowed November 29, 1892.</i>		
Oct. 17	Mrs. W. H. Wieand,	
	For railroad Coldwater to Saginaw	2 87
	supper and hack at Lansing	75
18	hotel and hack at Saginaw	1 50
	railroad Saginaw to Coldwater	2 87
19	hotel and hack at Lansing	2 25
	3 days' salary @ \$2.00	6 00
26	railroad Coldwater to Grand Rapids	2 60
	hack and hotel Grand Rapids	2 00
27	railroad Grand Rapids to Petokey	5 70
	dinner Traverse City, 50c; supper, 50c	1 00
	railroad Petokey to Mackinaw	1 05
28	hotel at Mackinaw	1 25
	railroad Mackinaw to Grand Rapids	6 75
	dinner and hack at Petokey	75
	supper, 50c; hotel and hack Grand Rapids, 75c	1 25
29	Grand Rapids to Coldwater	2 60
	Amount carried forward	\$375 72

State Public School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed November 29, 1892.</i>		
	Amount brought forward	\$375 72
Oct. 29	Mrs. W. H. Wicand.	
	For dinner at White Pigeon	50
	4 days' salary @ \$2.00	8 00
Nov. 7	railroad Coldwater to Williamston	2 10
8	hotel and hack at Lansing	1 75
	dinner	50
9	livery, \$1.50; railroad Williamston to Coldwater, \$2.10	3 60
	hotel Lansing, \$1.50; hack, 25c	1 75
	3 days' salary at \$2.00	6 00
Sept. 22	railroad Coldwater to Lansing	1 60
	supper and hack	75
	railroad Lansing to Clare	2 70
	hotel	1 00
23	Clare to Jackson	3 42
	Jackson to Coldwater	87
	dinner at Hillsdale	58
	2 days' salary at \$2.00	4 00
26	railroad Coldwater to Sturgis and return	95
	hack and hotel	75
	1 day's salary	2 00
Oct. 3	railroad to Detroit	2 60
	Detroit to Lenox and return	1 95
	dinner and hack	50
	hotel at Detroit, \$2.00; street car, 10c	2 10
	Detroit to Jackson	1 52
	dinner, 50c; railroad to Coldwater, 87c	1 37
	3 days' salary @ \$2.00	4 00
11	Coldwater to Union City by team—horse feed	75
	1 day's salary	2 00
12	railroad Coldwater to Jackson	87
	Jackson to Owosso	1 25
15	hotel and hack Owosso	2 00
	railroad Owosso to Coldwater	2 12
	hack at Lansing	25
	2 days' salary	4 00
<i>Allowed December 28, 1892.</i>		
Nov. 14	Mrs. W. H. Wicand;	
	For services and expenses as State agent;	
	railroad, Coldwater to Chicago and return	6 25
15	hotel, \$3.00; street car, 25c	3 25
	2 days' salary at \$2.00	4 00
22	Coldwater to Battle Creek, \$1.75; transfer home, 25c	2 00
	hack and dinner, Battle Creek	75
	railroad, Battle Creek to Charlotte and return	1 08
	hack and supper, Charlotte	75
28	Battle Creek, \$1.25; Battle Creek to Sturgis, \$1.25	2 50
	fast mail, Sturgis to Coldwater	95
	two days' salary @ \$2.00	4 00
25	" " returning children to county	4 00
26	railroad, Coldwater to Elkhart, \$1.12; transfer, 25c	1 37
28	" " Elkhart to Benton Harbor and return	2 40
	dinner at Benton Harbor, 50c; street car, Elkhart, 5c	55
	supper at Elkhart, 50c; message, 25c; Elkhart to Coldwater, \$1.12	1 87
	one day's salary	2 00
30	railroad, Coldwater to Muskegon, \$3.72; hotel and hack, \$1.75	5 47
Dec. 1	" " Muskegon to Grant, \$1.55; livery at Grant, \$1.00; hotel, 50c	3 05
	" " Grant to Grand Rapids, 95c; hotel and hack, \$1.50	2 45
	" " Grand Rapids to Coldwater	2 60
	three days' salary @ \$2.00	6 00
5	railroad, Coldwater to Detroit, \$2.58; hotel, Detroit, \$1.50	4 08
	" " Detroit to St. Clair and return	2 52
6	dinner and hack, St. Clair, 75c; hotel, Detroit, \$1.50	2 25
7	message, St. Clair, 25c; railroad, Detroit to Coldwater, \$2.58	2 83
	three days' salary at \$2.00	6 00
8	railroad, Coldwater to Grand Rapids	2 60
	hack and hotel, Grand Rapids	2 00
9	railroad, Grand Rapids to Big Rapids and return, \$3.05; hack and dinner, Big Rapids, \$1.00	4 05
	hotel and hack, Grand Rapids	2 00
10	lunch at White Pigeon	25
	railroad, Grand Rapids to Coldwater	2 60
	three days' salary @ \$2.00	6 00
	Amount carried forward	\$540 19

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Nov. 25	Amount brought forward	
	Mrs. W. H. Wieand.	
	For expenses incurred in returning children from State Public School at Coldwater to the counties from which they were received: Albert Burnett to Kent county and Jennie Thompson to Muskegon county:	\$540 19
	railroad of Albert Burnett to Grand Rapids	1 65
	" " self to Grand Rapids	2 60
	hotel and hack	2 00
	railroad of self, Grand Rapids to Coldwater	2 60
	" " Jennie Thompson, Coldwater to Muskegon	4 30
	<i>Allowed January 25, 1893.</i>	
Dec. 15	Mrs. W. H. Wieand.	
	For railroad, Coldwater to Sturgis and return	1 00
	hotel and hack	1 75
	one day's salary	2 00
19	railroad, Coldwater to Springport	1 08
	hotel and hack	1 50
	Springport to Coldwater	1 08
	dinner at Jonesville	1 50
	1½ days' salary	3 00
21	railroad, Coldwater to Saginaw	2 90
	supper at Lansing	50
	hotel and hack, Saginaw	1 50
22	Saginaw to Sanford and return	1 55
	dinner and supper, Saginaw, \$1.25; street car, 20c	1 45
	railroad, Saginaw to Coldwater	2 90
23	hotel, Lansing, \$1.00; hack and street car, 30c	1 30
	three days' salary	6 00
29	railroad, Coldwater to Jackson and return	2 03
	breakfast and dinner, Hillsdale	1 00
	1 day's salary	2 00
31	By rebate on mileage on railroad	\$19 00
	<i>Allowed May 31, 1893.</i>	
Apr. 20	Mrs. W. H. Wieand.	
	For railroad Coldwater to Springport and return	2 24
21	hack and hotel Hillsdale	1 25
	" " Springport	75
	1 day's salary	2 00
27	railroad Coldwater to Jackson and return	1 90
	hotel Jackson	1 50
	1 day's salary	2 00
May 1	railroad Coldwater to Traverse City and return	11 00
2	hotel and hack Grand Rapids	2 00
3	" " Traverse City	2 25
4	dinner Cadillac	50
	hotel and hack Grand Rapids	2 00
	lunch White Pigeon	25
	4 days' salary @ \$2.00	8 00
8	railroad Coldwater to Monroe, \$2.65; supper Monroe, 50c	3 15
	Monroe to Saginaw	3 50
9	hotel and hack Saginaw	1 50
	railroad Saginaw to Alger, \$1.12; transfers Bay City, 25c	1 37
10	dinner Bay City, 50c; supper Alger, 35c	85
	railroad Alger to Harrisville and return	4 10
11	hotel Harrisville	7 35
	dinner Alger, 35c; hotel and hack Bay City, \$2.00	2 35
	4 days' salary	8 00
	Total for general allowance	\$651 60
	RECAPITULATION.	
	Total allowance for State Public School	\$651 60

State Reform School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
Aug. 11	W. H. S. Wood, For return of Nelson Hancock, an epileptic and improper subject to Sault Ste Marie, by order of State Board of Inspectors:	
	railroad fare.....	\$10 95
July 5	return of Frank Kohlmon: fare to Detroit.....	2 55
	chair car, 25c; lunch, 50c.....	75
	Detroit to Lansing.....	1 55
12	visit to boys at Detroit and return of Harry Hees, who ran away from a farm in Kalamazoo county where he had been placed: return fare, Lansing to Detroit.....	4 60
	chair car, 25c; street car, 25c.....	50
	hotel.....	2 25
13	telephone, 25c; coffee, 10c.....	35
	telegram.....	37
Aug. 5	return of Harry Simpson: fare, Detroit and return.....	4 60
	hotel.....	1 00
<i>Allowed September 28, 1892.</i>		
Sept. 13	W. H. S. Wood, For visit to Detroit boys: fare Lansing to Detroit.....	2 55
	street car, 5c; hack, 50c.....	55
14	telephone.....	25
	hotel.....	3 00
	omnibus to depot.....	25
	chair car.....	25
	fare Detroit to Lansing.....	2 55
Aug. 29	return of Chas. Koppler, a confirmed epileptic and improper subject to East Saginaw: railroad ticket.....	1 85
	telegram to O'Gorman.....	33
<i>Allowed December 26, 1892.</i>		
Nov. 29	W. H. S. Wood, For railroad fare Lansing to Bay City and return, \$2.90; hotel, \$4.00; hack, 25c.....	7 15
<i>Allowed January 25, 1893.</i>		
Jan. 6	W. H. S. Wood, For railroad fare to Detroit and return.....	4 60
	meals, \$1.50; hack, \$1.00; fare boy to Lansing, \$2.55.....	5 05
17	railroad fare Detroit and return, \$4.60; chair car both ways, 50c; street car and hack, \$1.10.....	6 20
	hotel.....	3 00
<i>Allowed February 23, 1893.</i>		
	W. H. S. Wood, For return, David Ward: railroad fare, Imlay City and return.....	3 24
	dinner, Durand.....	50
	livery, Imlay City.....	2 50
	" King's mills.....	1 00
	supper.....	50
	railroad fare from King's mills to Imlay City.....	54
	bus.....	50
	boy's fare to Lansing.....	1 62
	hack fare.....	50
23	return of Elisha Eams: railroad fare, round trip to Adrian.....	4 70
	street car, 20c; boy's fare, \$1.30; meals, \$1.00.....	2 40
<i>Allowed March 29, 1893.</i>		
Feb. 24	W. H. S. Wood, For return of Chas. Wirra: fare to Detroit and return.....	4 60
	meals, 45c; street car, 20c; boys fare to Lansing, \$2.55.....	3 20
	lunch.....	19
	Amount carried forward.....	394 25

State Reform School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
Mar. 6	Amount brought forward	\$94 25
	W. H. S. Wood.	
	For return of Harry West, an improper subject, by order of Board of State Inspectors:	
	fare, Lansing to Pontiac, self and boy	3 60
	hack for two to jail	50
	bus	10
	visit to Detroit, boy's fare, Pontiac to Detroit	80
7	street car and hack, 85c; (8) fare, Detroit to Lansing, \$2.55	3 10
9	return of Chas. McCormick:	
	fare to Cheesaning	1 25
	dinner, self and boy	75
	fare to Lansing for both	2 50
Feb. 20	fare to Bay City, \$2.83; hack, 25c; hotel, \$2.00	2 58
21	paid man to assist	1 00
	hotel, \$1.00; hotel, boy, 50c; bus, 50c; tel. and tel., 60c	2 60
22	fare to Lansing, self and boy	3 70
	car fare	05
20	hotel	2 00
25	return of Chas. Palmer:	
	fare to Detroit and return	4 60
	" Detroit to Lansing for boy	2 55
	lunch for self and boy	50
	<i>Allowed April 26, 1893.</i>	
Apr. 17	W. H. S. Wood.	
	For trip after George M. Forbes, Plainwell:	
	fare to Battle Creek	90
	lunch	25
	fare from Battle Creek to Kalamazoo and return	1 90
	hack at Kalamazoo, 2 ways	50
	livery and dinner	3 00
	supper at Kalamazoo	50
	fare Battle Creek to Lansing	90
	hack at Lansing	25
Mar. 17	return of George H. Brayton:	
	fare to Alpena and return	12 35
	dinner at Owosso	50
	hack	25
	lunch at Bay City	30
28	hotel Alpena	1 00
	hack boy to train	25
	boy's fare to Lansing	6 50
	lunch at Alger, self and boy	40
	street car Bay City	20
	supper	1 00
Apr. 19	return of John Deykman:	
	fare Detroit and return	4 60
	boy's fare to Lansing	2 85
	hotel	2 00
	supper for boy	25
	hack	1 00
18-19	trip after W. Vastburg:	
	fare to Benton Harbor	8 25
	livery	1 50
	supper Benton Harbor	50
	fare to Lansing	3 25
	bus at Grand Rapids	25
	hotel	1 25
Mar. 30	return of John Turney:	
	fare Mt. Pleasant and return	4 90
	hotel	1 00
31	boy's fare Mt. Pleasant to Lansing	2 60
	<i>Allowed May 31, 1893.</i>	
May 1 & 3	W. H. S. Wood.	
	For return of Elmer Holt:	
	fare to Caro, self	2 90
	breakfast for 2	1 00
	dinner for 2	1 00
	hack for 2	50
	hotel Caro	2 00
	livery	1 50
	bus	50
	Amount carried forward	\$195 98

State Reform School vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed May 31, 1893.</i>		
	Amount brought forward.....	\$195 98
May 1 & 3	W. H. S. Wood.....	
	For fare to Vassar, self and Holt.....	80
	" Saginaw, " ".....	1 20
	" Lansing, " ".....	3 70
	hotel Saginaw.....	1 00
	bus.....	50
9-10	visit to Detroit boys and adjustment of care of George Osterle at Jackson:	
	fare Lansing to Detroit.....	2 55
	street car, 15c; hotel Cadillac, \$2.25.....	2 40
	2 telegrams.....	1 37
	Detroit to Jackson.....	2 30
	lunch at depot.....	20
	Jackson to Lansing.....	1 10
17	return of Frank Grigg:	
	fare Grand Rapids and return.....	3 50
	meals.....	60
	street car.....	20
	boy's fare to Lansing.....	1 95
Apr. 26	return of Howard Gorman and Thomas Murphy:	
	fare to Zilwaukee and return.....	3 50
27	" to Saginaw.....	10
28	telegram to Bay City.....	40
	telephone to Lansing.....	25
	fare self and Gorman to Bay City.....	60
	street car to West Bay City.....	10
	dinner for self and Gorman.....	1 00
	hotel for self and Gorman.....	1 25
	fare Murphy and Gorman to Lansing.....	4 30
	" to Zilwaukee.....	30
25	return of John C. Over:	
	fare to Saginaw.....	1 85
	hotel Saginaw.....	3 00
	livery looking up Gorman.....	2 00
	fare to Ithaca.....	1 00
26	hotel.....	2 00
	bus.....	25
	fare self and boy to Owosso.....	2 40
	" Lansing.....	1 60
	street car.....	10
	paid Smith for assistance in looking up boy.....	1 00
May 10	return of Austin Gross:	
	fare Marquette to Lansing.....	14 10
11	meals.....	1 50
<i>Allowed June 23, 1893.</i>		
June 3	W. H. S. Wood.....	
	For return of Verne Delevoerne: Fare to Sunfield.....	75
15	livery, \$1.50; dinner, self and boy, 75c; lunch, 30c; fare self and boy, \$1.50.....	4 05
	return of Simeon Coons:	
	fare to Detroit, \$2.55; telegram, 50c; hotel, \$2.00; back, \$1.00; dinner, 50c.....	6 55
	" Lansing, \$2.55; fare for boy, \$2.65.....	5 10
	Total for general allowance.....	\$278 40
PRINTING.		
<i>Allowed August 31, 1892.</i>		
July 19	Robert Smith & Co.,	
	For composition on 1,200 copies of report ending June, 1892:	
	4 pages containing 24,898 ems @ 27c.....	66 72
	31 " " 75,702 " @ 24c.....	18 16
	presswork, 25 tokens @ 15c.....	3 75
<i>Allowed December 29, 1892.</i>		
Dec. 12	Robert Smith & Co.,	
	For 1,500 fly leaf tables for report:	
	composition, 21,138 ems @ 27c.....	19 20
	presswork, 7 tokens @ 15c.....	1 05
	Total for printing.....	\$48 88

State Reform School vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
June 29	Robert Smith & Co., For folding 2,400 reports, sam. 16	\$0 72
	<i>Allowed February 23, 1893.</i>	
Feb. 13	Robert Smith & Co., For binding 1,099 superintendents reports, sam. 4	109 90
	pasting 1,099 plates in same, " 54	1 09
	" 1,099 tables " " 54	1 09
	" 227 comp. slips, " 54	23
	Total for binding	\$113 08
	RECAPITULATION.	
	General allowance	\$278 40
	Printing	48 88
	Binding	113 08
	Total allowance for State Reform School	\$440 31

Michigan Soldiers' Home vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 5	B. F. Graves, For services and expenses as member of the Board of Managers Michigan Soldiers' Home: expenses and per diem while attending committee on accounts. fare to Grand Rapids.....	\$4 05
	hotel bill going.....	2 50
	hack fare.....	75
6	board at Grand Rapids.....	3 00
7	railroad fare returning.....	4 05
	board returning.....	2 00
	hack fare.....	75
	3 days' per diem @ \$3.00 per day.....	9 00
	street car fare.....	28
	<i>Allowed August 31, 1892.</i>	
Aug. 9-12	Geo. P. Sanford, For services and expenses as member of the Board of Managers Michigan Soldiers' Home: services 4 days.....	12 00
	hotel bill 4 days.....	12 00
	railroad fare from Lansing to Grand Rapids.....	2 00
	Grand Rapids to Lansing.....	2 00
8	Rush J. Shank, For services and expenses as member of the Board of Managers of the Soldiers' Home: transportation Lansing to Grand Rapids.....	2 00
	1 day on board committee.....	8 00
	1/2 " at hotel.....	1 50
9	1 " on committee.....	3 00
	1 " at hotel.....	8 00
10	1 " on board.....	8 00
	1 " at hotel.....	8 00
11	1 " on board.....	8 00
	1 " at hotel.....	3 00
12	1 " on board.....	3 00
	1 " at hotel.....	8 00
	ticket Grand Rapids to Lansing.....	2 00
June 10	L. G. Rutherford, For services and expenses as member of the Board of Managers Soldiers' Home: 1 day with special committee.....	3 00
	car fare.....	14
11	1 day special committee work.....	3 00
15	1 ".....	3 00
Aug. 9	1 " committee on accounts.....	3 00
	car fare.....	14
10	1 day with Board of Managers.....	3 00
	car fare.....	14
11	1 day with Board of Managers.....	3 00
	car fare.....	14
12	1/2 day Board of Managers.....	1 50
	car fare.....	14
10, 11, 12	Jan. A. Crozer, For services and expenses as member of the Board of Managers: meeting of board: fare Menominee to Grand Rapids.....	8 81
	bus fare.....	1 00
	hotel bills.....	5 00
	fare, Grand Rapids to Menominee.....	8 81
	bus fare.....	1 00
	hotel bills.....	4 50
	six days per diem.....	18 00
	telegraphing.....	70
July 5	L. W. Sprague, For services and expenses as member of the Board of Managers Michigan Soldiers' Home: hack fare at Greenville.....	25
	railroad fare, Greenville to Grand Rapids.....	1 50
	Amount carried forward.....	\$156 65

Michigan

Date.	
	Amount brought
July 5-6	L. W. Sprague, For two days on co " hotel railroad fare fr hack fare at Gr car fare at Gra
Aug. 9	hack fare at Gr railroad fare, G
9-10-11-12	4 days on board 4 " hotel bil
13	railroad fare, G
12-13	car fare at Gra hack fare at Gr
8	B. F. Graves, For services and e Soldiers' Hon railroad fare fr hotel bill going hack fare hotel bill at Gr
9	" " "
10	" " "
12	" " "
18	railroad fare re hotel bill return hack fare street car fare 6 days @ \$3
Sept. 13-15	George P. Sanford, For services and exp Home: services as mem hotel bill railroad fare fro
14	Jas. A. Crozer, For services and ex Home: fare Menominee bus fare sleeping car fare fare Grand Rapi sleeping car Gra bus fare hotel expenses per diem 12th to
18	Rush J. Shank, For services and exp Home: transportation I 1 day on commit 1 " hotel 1 " on board 1 " hotel 1 " on board 1/2 " hotel Grand Rapids to
18	L. W. Sprague, For services and exp hack fare at Gree railroad fare Gree 8 days' on board 1 day on commit 4 days' hotel bill car fare, three tri railroad fare, Gree hack fare at Gree
13-15	
16	
13-14-15	
16	
Aug. 16	railroad fare, Gree one day at Lansin
	Amount carried for

Michigan Soldiers' Home vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 26, 1892.</i>	
	Amount brought forward	\$371 43
Aug. 16	L. W. Sprague, For dinner at Lansing	50
	railroad fare, Lansing to Greenville	1 75
	hack fare at Greenville	25
Sept. 13	B. F. Graves, For services and expenses as member of the Board of Managers of Soldiers' Home: railroad fare to Grand Rapids	4 15
	hotel expenses	2 50
	hack fare	75
14	hotel bill at Grand Rapids	3 00
15	railroad fare returning	4 05
	hotel bill returning	2 25
	hack fare	75
	street car fare	25
	three days @ \$3 per day	9 00
	<i>Allowed October 26, 1892.</i>	
10	L. G. Rutherford, For 1 day, board meeting	3 00
	car fare	14
21	1/4 day, special committee	1 50
	car fare	14
22	1 day, special committee	3 00
24	1/2 " " "	1 50
26	1/2 " " "	1 50
Oct. 5	1 " committee on accounts	3 00
	car fare	14
6	1 day, board meeting	3 00
	car fare	14
5-6-7	George P. Sanford, For services and expenses as member of the Board of Managers of Soldiers' Home: 3 days	9 00
	hotel bill	9 00
5	railroad fare, Lansing to Grand Rapids	2 00
7	" " " Grand Rapids to Lansing	2 00
July 19 to 27	James A. Crozer, For services and expenses as member of the Board of Managers of Soldiers' Home: railroad fare, Menominee to Grand Rapids	8 50
	bus fare	1 00
	railroad fare, Grand Rapids to Menominee	8 50
	bus fare	1 00
	sleeping car	1 50
	board, three days	9 00
	eight days per diem	24 00
Oct. 6	fare, Menominee to Grand Rapids	8 50
	bus fare	1 00
	fare, Grand Rapids to Menominee	8 50
	bus fare	1 00
	3 days' board	9 00
	3 days' per diem	9 00
Sept. 26	fare, Menominee to Chicago	7 50
	sleeping car	2 00
	bus fare	75
	fare, Chicago to Menominee	7 50
	sleeping car	2 00
	bus fare	50
	3 days' per diem	9 00
	2 days' board meeting	6 00
Oct. 5	L. W. Sprague, For services and expenses as member of the Board of Managers of the Soldiers' Home: hack fare at Greenville	25
	railroad fare, Greenville to Grand Rapids	1 50
5, 6, 7	3 days' services on board	9 00
	3 days' board	9 00
	car fare at Grand Rapids	25
7	railroad fare, Grand Rapids to Greenville, via Grand Ledge	2 00
	hack	25
	Amount carried forward	\$587 75

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$587 75
Nov. 9-11	Geo. P. Sanford, For services and expenses as member of Board of Managers of the Soldiers' Home: services as member of board 3 days	9 00
	hotel bill	9 00
	railroad fare from Lansing to Grand Rapids	2 00
	" " Grand Rapids to Lansing	2 00
10	James A. Crozer, For services and expenses as member of Board of Managers Soldiers' Home: Menominee to Grand Rapids	12 86
	sleeping car	1 50
	parlor car	35
	bus fare	1 00
	fare Grand Rapids to Menominee	12 86
	sleeping car	1 50
	parlor car	75
	bus fare	1 00
	4 days' per diem	12 00
	3 " subsistence	9 00
8	Rush J. Shank, For services and expenses as member of Board of Managers Michigan Soldiers' Home: transportation Lansing to Grand Rapids	2 00
	1/2 day on committee on accounts	1 50
	1/2 " at hotel	1 50
9	1 " on committee	3 00
	1 " hotel	3 00
10	1 " on board	3 00
	1 " at hotel	3 00
11	1/2 " on board	1 50
	transportation Grand Rapids to Lansing	2 00
9	L. W. Sprague, For services and expenses as member of the Board of Managers Soldiers' Home: hack fare Greenville	25
	railroad fare Greenville to Grand Rapids	1 50
9-11	3 days on board @ \$3.00	9 00
	3 " hotel bill	9 00
	car fare, 3 round trips	42
	railroad fare Grand Rapids to Greenville	2 00
	hack fare at Greenville	25
	<i>Allowed December 28, 1892.</i>	
Dec. 5-7	L. W. Sprague, For services and expenses as member of Board of Managers of Soldiers' Home: 3 days at home and Lansing making treasurer's report for two fiscal years @ \$3.00	9 00
5-6	hotel bill at Grand Rapids	5 50
7	" " Lansing	1 00
5	railroad fare Greenville to Grand Rapids via Ionia	1 50
7	" " Grand Rapids to Lansing	2 00
	" " Lansing to Greenville	1 70
5-7	2 hack fares Greenville @ 25c	50
5-6	car fare at Grand Rapids	28
7	" " Lansing	10
12-13	2 days' work at home making treasurer's report	6 00
14-15	2 " on board of managers	6 00
12-15	hotel bill at Grand Rapids, 4 days @ \$3.00	12 00
12	fare Greenville to Grand Rapids via Ionia	1 50
15	railroad fare Grand Rapids to Greenville via Grand Ledge	2 00
12-15	2 hack fares Greenville	50
	car fares at Grand Rapids	42
13	L. G. Rutherford, For services and expenses as member of Board of Managers of Soldiers' Home: 1/2 day with committee of accounts	1 50
	car fare	14
14	1 day with board of managers	3 00
	car fare	14
Oct. 17	1 day special committee	3 00
	car fare	14
19	1 day special committee	3 00
20	1/2 " "	1 50
29	1/2 day special committee work	1 50
31	1 " " "	3 00
	Amount carried forward	\$772 41

Michigan Soldiers' Home vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$772 41
Nov. 9	L. G. Rutherford,	
	For 1 day committee on account	3 00
10	car fare	14
	1 day meeting of board of managers	3 00
	car fare	14
Dec. 14	James A. Crozer,	
	For services and expenses as member of Board of Managers of Soldiers' Home:	
	fare Menominee to Grand Rapids	12 86
	bus fare	1 00
	sleeping car fare	1 50
	chair car Milwaukee to Chicago	25
	fare Grand Rapids to Menominee	12 86
	bus fare	1 00
	sleeping car fare	1 50
	chair car Chicago to Green Bay	75
	subsistence 3 days	9 00
	per diem, 13, 14, 15, 16	12 00
Oct. 6	B. F. Graves,	
	For services and expenses as member of Board of Managers of Soldiers' Home:	
	expenses and per diem while meeting with board of managers, Oct. 6, 1892,	
	railroad fare from Adrian to Grand Rapids	4 05
5	hack fare	75
	hotel bill	2 00
6	" " at Grand Rapids	3 00
7	" "	2 50
	hack fare	75
	railroad fare returning	4 05
	3 days @ \$3.00 per day	9 00
Dec. 12	railroad fare to Grand Rapids to meet with committee on accounts	4 05
	hack fare	1 00
	hotel bill	2 00
13	" " at Grand Rapids	3 00
14	" "	3 00
15	railroad bill returning	4 05
	hotel bill	2 50
	hack fare	50
12-15	4 days @ \$3 per day	12 00
Nov. 15	1 day going to Lenawee county poorhouse and sending William Branden-	
	burgh to Soldiers' Home at Grand Rapids	3 00
Dec.	Geo. P. Sanford,	
13-15	For services and expenses as member of the Board of Managers of the Michigan	
	Soldiers' Home:	
	services as member of the Board of Managers of the Soldiers' Home, 3 days.	9 00
	hotel bill	9 00
13	railroad fare from Lansing to Grand Rapids	2 00
15	" " Grand Rapids to Lansing	2 00
<i>Allowed February 23, 1893.</i>		
Feb. 2-3	Geo. P. Sanford,	
	For services and expenses as member of the Board of Managers of the Michigan	
	Soldiers' Home:	
	services as member of the board of managers	9 00
	hotel bill	8 00
	railroad fare Lansing to Grand Rapids	2 00
	Grand Rapids to Lansing	2 00
2	James A. Crozer,	
	For services and expenses as member of the Board of Managers of the Michigan	
	Soldiers' Home:	
	railroad fare Menominee to Grand Rapids	12 86
	sleeper	2 00
	bus	1 00
	railroad fare Grand Rapids to Menominee	12 86
	sleeper	1 50
	porter on both cars	50
	per diem 4 days	12 00
	hotel bill, \$9.00; bus, \$1.00	10 00
Jan. 19	L. G. Rutherford,	
	For services and expenses as member of Board of Managers of Michigan Soldiers'	
	Home:	
	1 day on committee on accounts	3 00
	street car	14
26	1 day attending soldiers' Home with legislative committee	3 00
	1 " with board of managers	3 00
	car fare	07
	Amount carried forward	\$997 64

Date.	Items.	Amount.
<i>Allowed February 23, 1893.</i>		
	Amount brought forward	\$397 64
Jan. 9	B. F. Graves, For services and expenses as member of the Board of Managers of the Michigan Soldiers' Home, under the provisions of act 152, laws of 1885, and amend- ments thereof:	
	expenses and per diem while attending Legislature as a member of legislative committee of the board of managers: railroad fare to Lansing	2 55
10	hotel, \$2.00; railroad fare, return, \$2.55	4 55
	three days at \$3.00 per day	9 00
18	fare to Grand Rapids attending committee on accounts	4 05
	hack, 75c; hotel, \$2.00; hotel at Grand Rapids, \$3.00	5 75
-20	railroad fare returning, \$4.05; hotel, \$2.25; hack, 75c	7 05
	per diem for 3 days	9 00
Feb. 1	attending meeting Board of Managers: railroad fare to Grand Rapids, \$4.05; hack, 75c; hotel, \$2.50	7 30
2	hotel bill, Morton House	3 00
3	" " at Lansing	2 00
4	railroad fare returning to Adrian via Lansing	4 75
	hack, 75c; hotel bill, \$1.75	2 50
	four days' service	12 00
Jan. 20	L. W. Sprague, For services and expenses as member of the Board of Managers Michigan Soldiers Home:	
	three days on board	9 00
	two and half days hotel bill	7 50
18	railroad fare, Greenville to Grand Rapids via Ionia	1 50
20	" " Grand Rapids to Greenville via Grand Ledge	2 00
	two hack fares at Greenville	50
19	car fares at Grand Rapids	28
Feb. 3	three days on board	9 30
	two and one-half days hotel bill	7 50
1	railroad fare, Greenville to Grand Rapids via Ionia	1 50
	" " Grand Rapids to Greenville via Grand Ledge	2 00
3	two hack fares at Greenville	50
	car fares at Grand Rapids	28
<i>Allowed March 29, 1893.</i>		
3	James A. Crozer, For services and expenses as member of the Board of Managers Michigan Soldiers' Home:	
	fare Grand Rapids to Lansing	2 00
	1 day's labor on committee	3 00
	hotel Lansing	2 00
	fare Lansing to Grand Rapids	2 00
Mar. 9	" Menominee to Grand Rapids	12 88
	bus fare	1 00
	sleeping car Menominee to Chicago	2 00
	4 days per diem	12 00
	3 " hotel	9 00
	fare Grand Rapids to Menominee	12 88
	bus fare	1 00
	sleeping car Grand Rapids to Menominee	1 50
	porter	50
	chair car Chicago to Green Bay	75
Feb. 3	L. Rutherford, For services and expenses as member of the Board of Managers Michigan Soldiers' Home:	
	hack, 25c; fare Lansing and return, \$4.00	4 25
	" " at Lansing	25
	hotel	50
	1 day attending board	3 00
4	1 " " Senate committee at Soldiers' Home	3 00
5	1/4 day examining books	1 50
	car fare	14
9	1 day at home with Board of Managers	3 00
	car fare	14
	evening meeting of board	1 50
Mar. 1	B. F. Graves, For expenses and services as member of the Board of Managers Michigan Soldiers' Home:	
	railroad fare to Lansing on legislation committee	2 40
2	hotel, \$2.00; hack, 50c; fare returning, \$2.40	4 90
	2 days per diem	6 00
1	hotel, \$1.50; chair car, 25c	1 75
	Amount carried forward	\$1,205 50

Michigan Soldiers' Home vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$1,205 50
Mar. 6	B. F. Graves,	
	For railroad fare to Grand Rapids to attend meeting of committee on accounts.	4 05
7	hotel, \$2.00; hack, 75c	2 75
9	" Morton House	3 00
10	" Morton House	3 00
	railroad fare returning	4 05
	hotel, \$2.00; hack, 75c	2 75
	4 days per diem	12 00
Feb. 7	L. W. Sprague,	
	For services and expenses as member of the Board of Managers Michigan	
	Soldiers' Home:	
	hack fare at Greenville	25
	railroad fare, Greenville to Grand Rapids	1 50
7-8	2 days with committee on accounts	6 00
	2 " hotel bill	6 00
9	railroad fare, Grand Rapids to Greenville	1 50
	hack, 25c; car fare, 25c	53
Mar. 7	" Greenville	25
	railroad fare, Greenville to Grand Rapids	1 50
7-8	2 days order of committee	6 00
9-10	2 " on board	6 00
	3 1/4 days, hotel	10 50
10	railroad fare, Grand Rapids to Greenville	1 50
	car fare at Grand Rapids	42
	hack, Greenville	25
	<i>Allowed April 26, 1893.</i>	
Apr. 4	L. W. Sprague,	
	For services and expenses as member of the Board of Managers Soldiers'	
	Home:	
	hack at Greenville	25
	railroad fare Greenville to Grand Rapids	1 50
	3 days on board	9 00
	3 days hotel	9 00
	railroad, Grand Rapids to Greenville	2 00
	hack, Greenville	25
	car fare, Grand Rapids	42
Mar. 17	L. G. Rutherford,	
	For services and expenses as member of the Board of Managers, Soldiers'	
	Home:	
	1 day at Soldiers' Home, with contractor	3 00
	car fare	14
23	1 day at Soldiers' Home, taking minutes	3 00
	car fare	14
24	1/2 day at Soldiers' Home, taking minutes	1 50
	car fare	14
Apr. 1	1 day at Soldiers' Home, with landscape gardener	3 00
	car fare	14
5	one day, with board	3 00
	car fare	14
6	one day, with board	3 00
	car fare	14
	B. F. Graves,	
	For services and expenses as member of the Board of Managers, Soldiers'	
	Home:	
4	railroad, Adrian to Grand Rapids	4 05
	hack, \$1.00; chair car, 25c; hotel bill, \$2.50	3 75
5	hotel bill, Grand Rapids	3 00
6	hotel bill, Grand Rapids	3 00
	street car fare	56
7	railroad, return to Adrian	4 30
	hotel, \$2.75; chair car, 25c; hack fare, 75	3 75
	4 days	12 00
	postage and stationery for year ending April 11	6 00
Feb. 15	one day spent upon the case of Buy Dunning	3 00
Mar. 28	" Homer Levit	3 00
Apr. 5	James A. Crozer,	
	For services and expenses as member of the Board of Managers Soldiers'	
	Home:	
	fare, Menominee to Grand Rapids	12 86
	bus fare	1 00
	sleeper car, Chicago to Grand Rapids	1 50
	porter	25
	Amount carried forward	\$1,881 06

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
Apr. 5	Amount brought forward	\$1,381 08
	James A. Crozer,	
	For chair car, Milwaukee to Chicago	35
	sleeping car, Grand Rapids to Chicago	1 50
	fare, Grand Rapids to Menominee	12 88
	chair car, Chicago to Green Bay	75
	bus fare	1 50
	porter	25
	five days	15 00
	hotel bills	12 00
	<i>Allowed May 31, 1898.</i>	
	James A. Crozer,	
	For services and expenses as member of the Board of Managers of Michigan	
	Soldiers' Home:	
	fare Menominee to Grand Rapids via Chicago	12 88
	sleeping Chicago to "	1 50
	bus fare	1 00
	porter	25
	fare Grand Rapids to Menominee	12 88
	sleeping " Chicago	1 50
	porter	25
	bus fare	1 00
	chair car Chicago to Green Bay	75
	porter	25
	4 days' per diem	12 00
	3 " board bill	9 00
May 3	L. W. Sprague,	
	For services and expenses as member of the Board of Managers of the Michigan	
	Soldiers' Home:	
	hack Greenville	25
	railroad fare Greenville to Grand Rapids	1 50
	3 days' hotel bill	9 00
	3 " service	9 00
	car fare Grand Rapids	42
5	railroad fare Grand Rapids to Greenville	1 50
	hack fare Greenville	25
Apr. 10	L. G. Rutherford,	
	For services and expenses as member of the Board of Managers of Michigan	
	Soldiers' Home:	
	1 day at Soldiers' Home with contractor	3 00
	car fare	14
11	1 day at Soldiers' Home with contractor	3 00
	car fare	14
14	1 day at Soldiers' Home with contractor	3 00
	car fare	14
15	1 day at Soldiers' Home, chairman committee on grounds	3 00
	car fare	14
18	1 day at Soldiers' Home, chairman committee on grounds	3 00
	car fare	14
20	1 day at Soldiers' Home, with contractor	3 00
	car fare	14
24	1/2 day at Soldiers' Home, chairman committee on grounds	1 50
	car fare	14
28	1 day at Soldiers' Home, chairman committee on grounds	3 00
	car fare	14
May 1	1/2 day at Soldiers' Home, chairman committee on grounds	1 50
	car fare	14
3	1 day at Soldiers' Home, chairman committee on grounds	3 00
	car fare	14
4	1 day at Soldiers' Home with board of managers	3 00
	car fare	14
4	John Northwood,	
	For services and expenses as member of the Board of Managers Michigan	
	Soldiers' Home:	
	railroad fare Brent Creek to Grand Rapids	3 90
4-5	2 days' hotel bill	6 00
	2 " service	6 00
	car fare at Grand Rapids	30
5	railroad fare Grand Rapids to Brent Creek	3 90
	Amount carried forward	\$1,552 07

Michigan Soldiers' Home vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
June 6	Amount brought forward	\$1,532 07
	James A. Crozer,	
	For services and expenses as member of the Board of Managers of Michigan Soldiers' Home,	
	railroad fare, Menominee to Grand Rapids, via Milwaukee	8 81
	chair car, Green Bay to Milwaukee	40
	4 days per diem	12 00
	4 days, hotel bill	9 00
	chair car	75
	railroad fare, Grand Rapids to Menominee, via Milwaukee	8 81
	bus, each way	2 00
	L. W. Sprague,	
	For services and expenses as member of the Board of Managers, Michigan Soldiers' Home,	
	hack at Greenville	25
	railroad fare, Greenville to Grand Rapids	1 50
	2 1/4 days hotel bill	7 50
	3 days services	9 00
	railroad fare, Grand Rapids to Greenville	1 50
	car fare, Grand Rapids	56
	hack at Greenville	25
May 8	L. G. Rutherford,	
8	For services and expenses as member of the Board of Managers, Michigan Soldiers' Home,	
16	1 day with contractor on wall	3 00
	1 day at Home with committee on grounds	3 00
17	car fare	14
	1/4 day at Soldiers' Home, committee on grounds	1 50
25	car fare	14
	1/4 day at Soldiers' Home, committee on grounds	1 50
26	car fare	14
29	1/4 day at Soldiers' Home, committee on grounds and car fare	1 64
	car fare	3 00
	1 " " laying out walks	14
June 2	car fare	14
7	1 day at Soldiers' Home, committee on Grounds and car fare	3 14
	with Board of Managers	3 00
6	car fare	14
	John Northwood,	
	For services and expenses as member of the Board of Managers Michigan Soldiers' Home:	
	horse and buggy from home to Brent Creek	2 00
	railroad fare, Brent Creek to Grand Rapids, 130 miles	3 80
	hotel bill, 3 days	9 00
	3 days' service on board	9 00
8	railroad fare, Grand Rapids to Brent Creek	3 80
	street car fare	50
	horse and buggy from Brent Creek to home	2 00
	Total for general allowance	\$1,666 18
	PRINTING.	
	<i>Allowed January 25, 1893.</i>	
Jan. 17	Robert Smith & Co.,	
	For composition on 8,000 copies of report from page 49 to 71, 44,188 ems @ 27c. presswork, 39 tokens @ 15c.	\$11 92
		5 85
	Total for printing	\$17 77
	RECAPITULATION.	
	General allowance	\$1,666 18
	Printing	17 77
	Total allowance for Michigan Soldiers' Home	\$1,683 95

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
May 27, 28	H. H. Hinds, For trip to Byron township, Kent county, reported contagious disease in two herds of cattle, two days.....	\$8 00
	railroad fare.....	4 70
	conveyance, \$1.00; hotel and meals, \$2.75.....	3 75
	telegram.....	25
June 1, 2, 3	trip to Gladwin county, 3 days.....	9 00
	railroad fare.....	7 30
	street cars, 15c; hotel and meals, \$4.25.....	4 40
	1/4 livery bill.....	1 00
29, 30, July 1	meeting commission at Detroit, 2 1/4 days.....	7 50
	railroad fare.....	8 90
	street car, 10c; hotels and meals, \$4.50.....	4 60
5	telegram.....	25
	" Grange, 25c; telegram, Woodman, 47c.....	31
6, 7, 8, 9	trip to Long Rapids, Alpena county, case of glanders, 4 days.....	72
	Stanton to Bay City.....	12 00
	transfer, 25c; boat to Alpena, \$2.50.....	2 30
	berth, \$1.25; livery, \$2.50; telegram, 25c.....	2 75
	boat to Detroit.....	4 00
	berth, \$1.25; street cars, 20c.....	3 00
	hotels and meals.....	1 45
June 28	J. J. Woodman, For trip to Detroit (Texas fever): railroad fare to Detroit and bus dinner at Jackson.....	6 06
	hotel at Detroit.....	5 20
29	car fare, Detroit.....	50
	railroad fare to Kalamazoo.....	2 50
	supper at Jackson and hotel at Kalamazoo.....	20
30	bus.....	4 30
	railroad fare to Paw Paw and bus home.....	1 50
July 7	2 1/2 days' time.....	25
	telegram to Detroit.....	90
	team to depot.....	7 50
	railroad fare to Detroit.....	35
	dinner at Jackson.....	25
8	car fare, Detroit.....	4 95
	hotel at Detroit.....	50
	railroad fare to Kalamazoo.....	3 20
9	bus and hotel, Kalamazoo.....	4 30
	railroad fare to Lawton and team, Paw Paw.....	1 50
25	8 days' time.....	1 00
June 30	office work and postage.....	9 00
	J. E. Barringer, For expenses, meeting of commission at Detroit: railroad fare, Armada to Detroit and return.....	1 50
	street car, 10c; hotel, 30c; per diem, 1 day, \$3.00.....	2 28
July 6	trip to Long Lake, Alpena county, and Detroit: livery, Armada to Lennox.....	8 90
	railroad, Lennox to Detroit.....	1 50
	lunch, 40c; railroad, Detroit to Bay City, \$3.20.....	84
	boat to Alpena.....	3 60
	supper.....	3 75
7	hotel, 50c; livery to Long Lake and return, \$2.50.....	50
8	hotel, Alpena, \$2.50; boat to Detroit, \$4.25.....	3 00
	dinner and supper.....	6 75
9	breakfast and dinner.....	1 00
	street car, 20c; railroad, Detroit to Armada, \$1.14.....	1 00
15	4 days, @ \$3.00.....	1 34
	Robert Martin, For 15 days' services, July 1 to 15, @ \$1.00 per day.....	12 00
14	E. A. A. Grange, For expenses, etc., to Alpena county: telegrams, 58c; steamboat fare, \$7.50.....	15 00
15	railroad fare, \$4.44; meals and lodging, \$3.75.....	8 08
16	index map and railroad guide, 85c; transfers, 85c.....	8 19
	livery, \$4.00; 3 days' services, \$15.00.....	1 20
	Amount carried forward.....	19 00
		\$232 56

ANNUAL REPORT OF THE

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 9	Amount brought forward	\$232 56
	L. E. Rowley.	
	For 800 letter heads	2 00
	<i>Allowed August 31, 1892.</i>	
Aug. 18	E. A. A. Grange.	
	For expenses to Ionia:	
	fare, \$2.80; telegraph and telephone, 35c	2 85
19	hotel, \$1.00; livery, 75c; transfer, 30c	2 05
	2 days' services	10 00
25	fare to Port Huron and return	4 58
	supper, 50c; telegram, 20c	79
26	hotel and hack, Port Huron	1 50
	transfer	50
	2 days' services	10 00
4	J. J. Woodman.	
	For trip to Benton Harbor:	
	railroad fare to Benton Harbor and return	2 00
5	bus and team	50
	hotel and meals	1 50
	2 days	6 00
18	trip to Ionia:	
	railroad fare to Ionia and return	6 25
19	livery hire	75
20	bus and street car fare	65
	hotel and meals	3 00
	3 days	9 00
22	trip to Traverse City:	
	team to depot	25
	railroad fare to Traverse City	6 45
	dinner at Kalamazoo	50
	supper at Kingsley	25
23	livery at Traverse City	50
	hotel at Traverse City	1 00
	railroad fare to Kingsley	50
	dinner	25
	livery	1 00
	supper at Cadillac	50
24	railroad fare from Kingsley to Grand Rapids	3 85
	hotel at Grand Rapids	1 25
	railroad fare to Kalamazoo and Paw Paw	2 10
	dinner at Kalamazoo	50
	bus	25
25	3 days	9 00
	telegraphing since July 25	1 25
	postage and stationery	55
	office work one day	3 00
15	Robt. Martin.	
	For 31 days' service, July 16 to date, @ \$1.00 per day	31 00
4	John A. Scott.	
	For killing and burying glandered horse	5 00
	<i>Allowed September 28, 1892.</i>	
July 25	H. H. Hinds.	
	For trip to Vestaburg, 1 day	3 00
	railroad fare	90
	dinner	50
26-27	telegram health officer	25
	trip to Benton Harbor, 2 days	6 00
	railroad fare	9 10
	hotel and meals	3 00
31	telegram	25
Aug. 1	" to Woodman	25
	" "	25
11	" health officer	25
20	" Woodman	49
3-4	" Grange	25
	Benton Harbor (glanders) two days	6 00
	railroad fare	9 10
	hotel and meals	3 00
22-23-24	trip to Kingsley and Traverse City:	
	3 days	9 00
	Amount carried forward	\$416 82

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$416 82
Aug. 22-23-24	H. H. Hinds, For railroad fare	7 90
	hotel and meals	4 50
	1/2 of two livery bills	1 50
	bus	25
Sept. 7	1 day meeting Mr. Woodman	3 00
22	1 " " and telegram	3 85
28	4 days' office work @ \$3.00	12 00
	postage since April 1	2 00
July 25	J. E. Barringer, For Wood's Railway Guide, 1 year	1 00
Aug. 18	For railroad fare, Armada to Mt. Morris	2 20
	" " from Mt. Morris to Pontiac	1 35
	hotel	95
19	" and lodging, Pontiac	1 00
	bus	20
	railroad, Pontiac to Armada	85
	1 1/2 days' services @ \$3.00	4 50
25	railroad fare, Port Huron and return	1 45
	bus fare	25
	telegram	25
	hotel	80
Sept. 6	1 day per diem	3 00
	railroad fare, Port Huron and return	1 39
	bus	25
	hotel	1 00
	services 1 day	3 00
17	telegram	25
	postage, August	15
6	" September	38
	Henry Burge, For killing and cremating horse	4 00
Aug. 24	Charles F. Curavo, For killing and burying two glandered horses	8 00
Sept. 22	John Halstead, For killing and burying 1 horse affected with glanders	5 00
15	Robt. Martin, For 31 days' service, August 16 to September 15 inclusive, @ \$1.00 per day	31 00
July 29	E. A. A. Grange, For expenses to Benton Harbor: telegram	25
	fare and return	8 00
30	meals and lodging	2 50
	transfers	30
	2 days' service	10 00
Aug. 12	expenses to Kingsley: fare	9 90
	sleeper and porter	1 75
	transfers	50
13	meals	1 50
	2 days' service	10 00
22	expenses to Traverse City: fare and return	11 10
23	lodging and meals	2 00
	railroad guide, 10c; transfers, 30c	40
	two days' service	10 00
Sept. 3	expenses to Mt. Morris: fare, \$2.38; dinner, 35c	2 73
	transfers	30
	1 day's service	5 00
9	expenses to Traverse City and Kingsley: fare	11 60
10	livery	4 00
	telegram	25
	lodging and meals	4 00
	transfers	75
	3 days' service	15 00
15	expenses to Detroit and Carlton: telegrams	36
	fare	2 80
	hotel	1 50
	Amount carried forward	\$639 99

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
Sept. 16	Amount brought forward	\$689 99
	E. A. A. Grange.	
	For fare and livery to Carlton	8 32
	dinner	50
	fare to Flint from Carlton	2 15
	transfers	50
	2 days' services	10 00
17	expenses to Thetford, Genesee Co.:	
	hotel and railroad fare	3 50
	railroad guide, 10c; livery, \$2.50	2 60
	transfers	50
	1 day's service	5 00
	<i>Allowed October 26, 1892.</i>	
8	Horace Leland,	
	For killing and burying one black mare affected with glanders	4 00
Oct. 15	Robert Martin.	
	For 30 days' services, September 16 to October 15 inclusive	30 00
Sept. 28	J. E. Barringer.	
	For trip to Detroit, Elk Rapids, Kalkaska and Chase:	
27	railroad fare, Armada to Detroit	1 14
	hotel expenses, Detroit	2 75
	railroad, Traverse City via Grand Rapids	7 25
	chair car, 25c; supper, 50c	75
	bus fare	25
28	hotel, Traverse City	1 00
	railroad, Elk Rapids	60
	livery to Kalkaska	1 50
	dinner, 50c; telegram, 65c	1 15
	railroad, Kalkaska to Chase via Reed City	2 25
29	" Chase to Armada	6 68
	hotel expenses	2 25
30	telegram to Alpena	35
	4 days' service @ \$3.00	12 00
Oct. 5	trip to Milford and Detroit:	
	railroad fare, Armada to Milford via Wixom	1 45
	" " Milford to Detroit	1 20
	hotel, \$1.25; bus fare, 10c	1 35
6	" \$1.85; street car fare, \$1.00	1 95
	railroad fare, Detroit to Armada	1 14
	2 days' service @ \$3.00	6 00
Sept. 26	J. J. Woodman.	
	For trip to Detroit to meet with board:	
	team to depot	25
	railroad fare to Detroit	4 95
	dinner	50
27	hotel at Detroit	2 00
	railroad to Kalamazoo	4 80
	supper at Jackson	50
	hotel and bus at Kalamazoo	75
28	railroad fare to Paw Paw and bus home	90
	2½ days	7 50
Oct. 3	trip to Kalamazoo:	
	railroad fare and bus to Kalamazoo and return	1 80
	dinner, 50c; 1 day, \$3.00	3 50
12	trip to Barry Co., with State Veterinarian:	
	railroad fare to Kalamazoo and return and bus	1 80
13	hotel at Kalamazoo	1 00
	railroad fare to Plainwell and return	70
	livery at Plainwell	2 50
	dinner	30
14	hotel at Kalamazoo	1 50
	2½ days	7 50
Sept. 15	1 day at Lansing on sanitary work	3 00
	Wood's Railroad Guide	1 00
Oct. 24	sundry office work, 4 days	12 00
	postage	65
	telegrams	1 39
Sept. 27	E. A. A. Grange.	
	For expenses to Elk Rapids, Kalkaska, Chase and Alpena:	
	railroad fare to Elk Rapids	6 15
	supper	50
	hotel and transfer	1 25
	Amount carried forward	\$632 29

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$332 29
Sept. 28	E. A. A. Grange,	
	For livery, \$1.00; dinner, 50c	1 50
	fare, Kalkaska to Chase	2 25
29	hotel at Chase	1 05
	fare, Chase to Bay City	3 15
	dinner and transfer	75
30	boat fare, \$2.50; berth and supper, \$1.25	3 75
	fare, Alpena to Lansing	6 50
	meals, \$1.75; transfer, 25c	2 00
	4 days' services	20 00
Oct. 21	fare to Bangor and return via Grand Rapids	6 40
	lodging and meals	2 50
	transfers	50
4	2 days' service	10 00
	expenses to Bronard, Barry Co.:	
	telegram, 25c; (12) hack, 50c; fare, Kalamazoo, \$1.50	2 35
13	hotel, \$1.50; fare to Plainwell, 30c; stage, 25c	2 05
	railroad guide, 10c; supper, 50c	60
	fare, Delton to Lansing, \$1.70; two days' services, \$10.00	11 70
	<i>Allowed November 30, 1892.</i>	
Nov. 24	John Iles,	
	For killing and burying glandered horse	5 00
Oct. 31	Robt. Martin,	
	For service, 16 days @ \$1.00 per day	16 00
13	postage, etc.	75
	Andrew M. Nichols,	
	For killing and burying 4 horses which had been examined by the State Veteri- narian and certified to by him as affected with glanders	16 00
Sept. 26 27-28-29	H. H. Hinds,	
	For trip to Detroit, Elk Rapids and Kalkaska:	
	3½ days	10 50
	railroad fare	16 05
	transfer	50
	street cars, 15c; hotels and meals, \$6.25	6 40
	livery	1 50
	telegram	25
Oct. 1	trip to Langston, glanders:	
	1 day, \$3.00; conveyance, \$2.00	5 00
Nov. 7	telegram, Barringer	35
19	"	35
15-16	trip to Lansing, Glanders:	
	1½ days, \$4.50; railroad fare, \$3.80	8 30
	street cars, 10c; hotels and meals, \$2.50	2 80
	livery	1 50
13-19	trip to Plainwell, glanders:	
	2 days, \$6.00; railroad fare, \$6.10	12 10
	hotels and meals	3 25
	livery	1 50
21-2-3-4	trip to Lansing, Grand Traverse and South Boardman, glanders:	
	3½ days	10 50
	railroad fares, \$12.80; street cars, 20c	12 00
	bus, 25c; hotel and meals, \$6.05	6 80
	livery, 75c; telegram, 50c	1 25
26-27	trip to Fergus, Saginaw Co.:	
	1½ days, \$1.50; railroad fare, \$5.20	9 70
	hotels and meals	2 50
	transfer	25
	letter book file	75
	press book with index	1 80
	ink and pens	1 00
	2 days office work	6 00
"5	J. E. Barringer,	
	For trip to Detroit, glanders:	
	railroad fare, Armada to Detroit and return	2 25
	hotel expenses	1 00
	1 day's services	3 00
	telegram	35
7	"	35
19	trip to Lansing, Traverse City and South Boardman:	
21	railroad fare, Armada to Lansing	3 80
	hotel expenses, \$1.80; street car, 5c	1 85
	railroad fare, Lansing to Grand Rapids	1 95
	Amount carried forward	\$1,085 12

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed November 20, 1892.</i>		
	Amount brought forward	\$1,088 12
Nov. 22	J. E. Barringer,	
	For hotel expenses, Grand Rapids	1 25
	railroad, Grand Rapids to Traverse City	4 35
	dinner, Traverse City	50
	railroad fare, Traverse City to South Boardman	1 10
23	hotel, South Boardman	1 20
	livery	75
	railroad fare, South Boardman to Howard City	2 85
	railroad fare, Howard City to Detroit	4 80
	hotel expenses	1 00
24	hotel expenses, Detroit	1 25
	street car	05
	railroad fare, Detroit to Armada	1 14
	4 days' service @ \$3.00	12 00
	postage, 25c; office work, 60c	86
<i>Allowed December 28, 1892.</i>		
	W. Fuller,	
	For assisting at post mortem and burying diseased horse	10 00
29	H. & A. Seiting,	
	For destroying and burying or burning one aged bay gelding horse affected with glanders	5 00
Dec.	E. A. A. Grange,	
	For expenses to Holton:	
	car fare, Holton and return	7 30
	chair car, 25c; hotel, \$2.50; transfers, 50c	3 25
	2 days' services	10 00
12	John E. Barringer,	
	For trip to Lansing, meeting of comparison in matter of reports and looking after case of tuberculosis and post mortem near Lansing, and to Adrian in case of hog cholera:	
	railroad fare, Armada to Lansing via West Detroit	3 60
15	" " Lansing to Jackson	1 10
16	" " Jackson to Adrian and Adrian to Detroit	3 05
17	" " Detroit to Armada	1 14
	hotel expenses, round trip	9 25
	postage, 6c; street car, 5c; office work on reports, 5 hours, \$1.50	1 61
12 to 17	5 days' service @ \$3.00 per day	15 00
20	trip to Lansing as per telegram to arrange for trip to Mud Lake, Traverse City and upper peninsula in matter of cases of glanders:	
	railroad fare, Armada to Lansing via West Detroit and Lansing to Detroit	6 15
21	" " Detroit to Armada	1 14
	street car, 10c; hotel, round trip, \$2.40	2 50
20-21	service, two days @ \$3.00 per diem	6 00
<i>Allowed January 25, 1893.</i>		
26	E. A. A. Grange,	
	For car fare, \$5.70; transfer, 25c; luncheon, 20c	6 15
27	meals, 75c; fare Alger to Mackinac City, \$4.25	5 00
28	hotel, \$1.00; round trip ticket to Houghton, \$13.65	19 65
	luncheon, 50c; bus 25c (29) hotel at Houghton, \$1.50; bus, 25c	2 50
	luncheon, 60c; supper, 80c	90
30	hotel, \$1.00; railroad fare, \$3.40; meals, 80c	5 20
31	Traverse City, \$1.00; share of livery, \$2.17; transfer, 25c	3 42
	fare, \$5.55; supper, 50c	6 05
Jan. 1	hotel, \$2.00; transfer, 25c	2 25
	7 days' services	35 00
Dec. 26, 1892 to Jan. 3, 1893, inclusive	John E. Barringer,	
	For trip to Mud Lake Junction, Alcona county; Houghton, Houghton county; Orange township, Kalkaska county, and Keswick, Leelanaw county cases of glanders:	
	railroad fare (round trip) Armada to Mud Lake Junction via M. A. L. to Rochester; M. C. to Alger Road to Mud Lake Junction; Alger R. R. M. C. and Duluth & South Shore to Houghton; D. S. S. and G. R. & I. to Traverse City; G. E. & I., T., A. A. & N. M., D., G. H. & M. and M. A. L. to Armada; total railroad fare, round trip	43 25
	hotel expenses	14 10
	livery	2 17
	bus fare	45
	per diem 7½ days @ \$3.00 per day	22 50
	Amount carried forward	\$1,371 90

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1898.</i>		
	Amount brought forward	\$1,371 90
Dec. 1	H. H. Hinde.	
	For trip to Holton, Muskegon county, glanders: 2 days, \$6.00; railroad fare, \$4.80;	
	2 transfers, 50c; livery, \$1.50; hotel, \$3.50; telegram to Grange, 25c	15 08
13-16	trip to Lansing—general meeting of commission and post mortem of horse	
	affected with tuberculosis; 8 days, \$9.00; railroad fare, \$3.80; hotel bills,	
	\$5.00; street car, 20c	18 00
18	telegram to Barringer	35
21	meeting of commission and State Veterinarian at Lansing: 2 days, \$6.00;	
	railroad fare, \$3.80; street cars, 10c; hotel, \$2.50	12 40
23-31	trip to Mud Lake Junction, Alcona county; Houghton, Houghton county;	
Jan. 2	Lode, Kalkaska county; Keewiok and Bingham, Leelanaw county; report	
1898	case of glanders: 7 days, \$21.00; railroad fare, \$39.00; transfers, 75c; tele-	
	phone and telegraph, 50c; hotels and meals, \$13.05	74 30
	1/4 of 3 livery bills	2 17
3-4	trip to Muir reported disease in lambs and Fowlerville case of anthrax: 2	
	days, \$6.00; railroad fare, \$5.00; livery, \$1.50; hotels, \$2.50	15 40
12-14	trip to Greenwood township, Oceana county to investigate report of out-	
	breaks of contagious disease among sheep: 3 1/2 days, \$7.50; railroad fare,	
	\$4.90; transfer, 25c; livery, \$2.00; hotels and meals, \$4.50	19 15
	trip to Roland township, Isabella county, reported glanders: 1 day, \$3.00;	
	team, \$3.00; dinner and horse, 75c	6 75
	2 days' office work	6 00
Dec. 31	Ludwig Krompa.	
	For killing and burying one aged gray mare and one aged gray gelding affected	
	with glanders	10 00
<i>Allowed February 23, 1898.</i>		
9	E. A. A. Grange.	
	For expenses Schoolcraft investigation:	
	railroad fare Lowell to Schoolcraft	2 35
	hotel Grand Rapids	2 25
	dinner Schoolcraft	50
	livery and transfer	2 00
	fare Schoolcraft to Lansing	1 43
	1 day's services	5 00
Feb. 10	expenses, etc., at Moscow:	
	railroad fare	3 00
	hotel, \$1.35; share of livery, 50c	1 35
	telegram	25
	2 day's services	10 00
Jan. 30	expense to Ionia:	
	fare, \$3.20; transfer, 25c; supper, 50c	2 95
	postage for 1893	2 00
	railroad guide for 1893	1 00
	1 day's service	5 00
1892	J. J. Woodman.	
Dec. 13	For railroad ticket to Lansing and return	4 50
	transfers and car fares	1 00
	hotel and meals	3 50
16	3 days	9 00
Jan. 10	1 " office work (on minutes)	3 00
Feb. 16	team to Bloomingdale	2 00
	dinner and team fed	75
	1 day	3 00
20	sundry office work since Oct. 24, 1892, 2 days	6 00
	postage	72
	telegraphing	50
<i>Allowed March 23, 1898.</i>		
20	J. J. Woodman.	
	For railroad fare to Kalamazoo and return	1 30
	team to depot and bus home	50
	" South East Texas	1 50
21	hotel Kalamazoo	1 50
	2 days	6 00
27	telegram	30
28	express on L. S. sanitary laws	55
Mar. 20	team to depot and railroad fare to Lansing	2 45
	dinner at Battle Creek	50
	transfers	15
21	hotel at Lansing	1 50
	Amount carried forward	\$1,641 32

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward.....	\$1,641 32
Mar. 21	J. J. Woodman.	
	For railroad fare from Lansing to Alpena.....	6 50
	chair car.....	50
	dinner and supper (lunch).....	75
22	livery and hotel at Alpena.....	3 25
	railroad fare to Alger.....	3 15
23	lunch, supper and breakfast.....	70
	railroad fare Alger to Ionia.....	7 20
	hotel at Ionia.....	50
	railroad fare to Grand Rapids.....	1 00
	hack.....	15
24	hotel at Grand Rapids.....	2 00
	railroad fare to Paw Paw.....	2 10
	dinner and bus.....	75
	5 days.....	15 00
27	office work since Feb. 20—2 days.....	6 00
	postage to Feb. 20.....	58
2	E. A. A. Grange.	
	For fare to Gobbleville.....	2 82
	meals and lodging.....	2 15
	hack Kalamazoo.....	50
	livery, \$2.50; tel., 25c.....	2 75
	2 days' service.....	10 00
3	fare from Grand Junction to Benzonia and return to Lansing.....	11 50
4	meals and lodging.....	2 10
	transfers, Benzonia.....	50
5	hotel, Grand Rapids.....	2 75
	transfer, Lansing.....	50
	2 days' service.....	10 00
Feb. 27	John E. Barringer.	
	For telegram to president of commission.....	25
28	railroad fare, Armada to Lansing via Detroit and return Port Huron.....	6 70
	hotel expenses, \$3.85; bus, 25c; 2 days' service, \$5.00.....	9 60
Mar. 6	3 hours' office work on reports, 90c; telegram, 35c.....	1 25
	railroad fare via Pontiac, Durand to Lansing and return.....	5 50
	hotel, \$3.00; street car, 10c; 2 days' service, \$5.00.....	9 10
	H. H. Hinds.	
	For trip to Ionia, reported glanders, 1 day.....	3 00
	railroad fare, \$1.50; dinner, 50c.....	2 00
Feb. 9	telegram 25c; Wood's Railroad Guide, \$1.00.....	1 25
	trip to Moscow township, Hilledale county, 2½ days.....	7 50
	railroad fare, \$6.95; hotel and meals, \$4.00; street car, 10c.....	11 05
	livery, 50c; transfer, 25c.....	75
28	March trip to Lansing, meeting of committee, 2 days.....	6 00
	railroad fare, \$3.80; hotels and meals, \$2.50; car, 10c.....	6 40
Mar. 2	trip to Greenville, 1 day, \$3.00; railroad fare, \$1.50; transfer and dinner, \$1.00.....	5 50
18	2 telegrams, 70c; 2 telegrams, 50c.....	1 20
20-21-22	trip to Lansing, meeting of committee, 4 days.....	12 00
	fare " \$1.90; dinner, 50c; street car, 20c.....	2 60
21	hotel, " \$2.00; fare to Alpena, \$5.50; dinner and supper, \$1.00.....	9 50
	chair car, 50c; livery, \$1.25.....	1 75
	hotel at Alpena, \$2.00; fare to Saginaw, \$4.65; supper and breakfast, \$1.00.....	7 65
23	fare to Ionia, \$2.45; dinner, 50c; fare to Stanton, 75c.....	3 70
24	2 days office work, February and March.....	6 00
	5 " in March on 4th biennial report.....	15 00
	postage.....	2 00
22	Wm. Stewart.	
	For killing and burying glandered horse.....	5 00
Feb. 22	L. D. Woodley.	
	For killing and burying one dark bay horse affected with glanders and condemned by the commission.....	5 00
	<i>Allowed April 26, 1893.</i>	
Mar. 27	John Davis.	
	For killing and burying one chestnut colored horse affected with glanders and condemned by the board.....	5 00
Apr. 11	F. J. Del.	
	For killing and burying one bay gelding horse, 7 years old, affected with glanders.....	5 00
Mar. 27	H. H. Hinds.	
	For trip to Lansing to see governor as to biennial report and arrange for printing same, 1½ days.....	4 50
	Amount carried forward.....	\$1,806 96

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$1,898 96
Mar. 27	H. H. Hinds,	
	For railroad fare	3 80
	street car fare and hotel	2 60
	telegram to Hilldale	27
28	" " Woodman	25
Apr. 8	" " Hawkins	25
8	" " Hinds	50
7-8	trip to Detroit, 2 days	6 00
	railroad fare	8 90
	street car fare	25
	hotel	2 25
	telegram to Woodman	35
	" " Hawkins	25
10-11	trip to Lansing, proof reading, biennial report, 2 days	6 00
	railroad fare	8 90
	street car fare	20
	hotel	2 50
6	J. J. Woodman,	
	For railroad fare to Homer and return	4 60
7	livery	1 50
8	bus and transfer	75
	hotel	2 75
	2½ days	7 50
10	railroad fare to Lansing via Battle Creek	2 25
	bus and transfers	50
	dinner at Battle Creek	40
11	hotel at Lansing	1 50
	railroad fare to Detroit	2 55
	hotel, Detroit	1 00
	railroad fare to Kalamazoo	4 30
12	hotel, Kalamazoo	1 00
	railroad fare to Paw Paw	65
	bus and transfers	50
	3 days	9 00
24	postage since March 27	48
	telegrams	50
	1½ days, office work since March 27	4 50
Mar. 22	E. A. A. Grange,	
	For expense to Ionia:	
	fare, \$2.20; telegram, 30c; transfer, 25c	2 75
	supper	50
27	expense at Detroit:	
	fare, \$5.25; transfer, 50c; telegram, 25c	6 08
	hotel	1 00
Apr. 8	expense to Smyrna:	
	fare, \$3.18; livery and transfer, \$1.25	4 43
	hotel	1 00
	3 days' services	15 00
	<i>Allowed May 21, 1898.</i>	
May 18	J. E. Barringer,	
	For railroad Armada to Detroit	1 14
	hotel expense	5 75
19	railroad Detroit to Parma and return	5 20
	livery at Parma, \$1.50; hotel expense, \$2.18	3 68
20	railroad fare Detroit to Armada, \$1.15; hotel, \$1.35	2 49
	2 days	6 00
26	railroad Armada to Flint	1 99
	livery at Flint	1 50
	hotel expense	1 25
	railroad fare Flint to Lapeer	40
	" " expense Lapeer to Armada	1 63
27	hotel expense	3 00
	street car fare	10
	2 days	6 00
28	office work	80
24	postage	08
25	telegram to State veterinarian	25
Apr. 10-11	railroad fare to Detroit and return	2 28
	hotel expense	3 90
	1½ day's service	4 50
	Amount carried forward	\$2,058 88

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$2,053 88
Apr. 21	J. E. Barringer	
27-29	For telegram	25
	railroad fare Armada to Adrian and return	5 68
	livery at Adrian	2 00
	hotel expense	4 85
	street car, 10c; postage, 10c	20
	2 days	6 00
May 5	postage	13
	railroad fare Armada to Adrian and return	5 75
	livery at Adrian	1 50
	hotel expense	4 35
	street car	15
	2 days	6 00
13	railroad fare Port Huron and return	1 39
	hotel expense	1 00
	street car, 10c; postage, 6c	16
	1 day's service	3 00
Apr. 22	E. A. A. Grange	
	For expense to Mt. Morris, fare	2 38
	transfers	50
	livery at Mt. Morris	1 50
	hotel	50
	1 day's service	5 00
May 2	expense to Adrian:	
	fare to Jackson and return to Lansing	2 20
	Adrian " " Jackson	2 70
	livery	1 50
3	lodging	50
	meals, \$2.00; transfers, 60c	2 60
	2 days' services	10 00
26	fare to Lapeer and return	2 78
27	lodgings and meals, \$2.50; livery at Flint, \$1.50	4 00
	transfers	50
	2 day's services	10 00
31	U. S. Express Co.	
	For 1 box from Baltimore, Md.	5 65
	<i>Allowed June 28, 1893.</i>	
June 8	J. J. Woodman	
9	For railroad fare to Detroit and bus	5 20
	street car fare	15
	hotel Detroit	2 00
	railroad fare to Lansing	2 55
	street car fare and transfer Lansing	20
	hotel Lansing	50
	railroad fare to Battle Creek	25
	bus Battle Creek	25
10	hotel	1 00
	railroad fare to Paw Paw	1 20
	bus	25
	3 days' time	9 80
28	2 days' office work since April 22	6 00
24	postage since April 22	45
May 29	J. E. Barringer	
30	For postage, 10c; office work, 90c	1 00
	4c; 30c	34
June 1	railroad fare Armada to Stony Point and return via Detroit and Jackson	7 28
	hotel round trip 3 days	4 85
	services 3 days	9 00
	postage	15
7	express, stationery from State printer	40
8-9	railroad fare Armada to Detroit and return	2 25
	hotel 2 days	3 00
	street car	20
	2 day's service	6 00
10	office work	5 00
	railroad fare to Saginaw and return	5 29
	hotel 2 days	3 50
	street car fare	20
12	telegram to C. W. Stows, V. S., Saginaw	25
	2 day's services	6 00
	Amount carried forward	\$2,235 02

Live Stock Sanitary Commission vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward.....	\$2,235 02
June 13	J. E. Barringer,	
	For office work 8 hours, 90c; postage, 18c.....	1 08
16	freight on biennial reports.....	40
20	postage on letters.....	15
21	express on stationery, 30c; postage, 24c.....	54
2	H. A. Hatch,	
	For killing and burying one aged gray gelding and one brown mare affected with	
	a contagious disease known as glanders.....	10 00
13	William Millard,	
	For killing and properly disposing of one chestnut horse and one bay mare	
	affected with a contagious disease called glanders.....	10 00
May 27	Frank Nichols,	
	For killing and burying one aged chestnut gelding affected with glanders.....	5 00
June 26	A. Hoen & Co.,	
	For 3,500 copies each of 8 illustrations of glanders for biennial reports.....	200 00
May 31	E. A. A. Grange,	
	For attendance on commission and preparation of biennial report.....	10 00
	expense to St. Johns, livery and hotel.....	3 00
June 1	" " Stony Point, fare.....	3 10
2	hotel.....	1 70
	transfer.....	25
3	expense to Saginaw, fare and transfer.....	4 70
	meals.....	1 25
	4 days services.....	20 00
	Total for general allowance.....	\$2,506 19
	RECAPITULATION.	
	Total allowance for Live Stock Sanitary Commission.....	\$2,506 19

Game and Fish Warden vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	E. J. Mossman, For Remington typewriter No. 2, head No. 80, 28 complete with table and cover.....	\$100 00
	Total for general allowance.....	\$100 00
	PRINTING.	
	<i>Allowed February 23, 1893.</i>	
Feb. 14	Robert Smith & Co., For composition on 3,300 copies of report from page 1 to 10, 32,582 ems @ 27c.....	\$8 79
	presswork, 28 tokens @ 15c.....	4 20
	alteration on copy as follows, viz., galleys 1 to 6, 3½ hours; appendix 6 to 16, 5½ hours; 9 hours @ 30c.....	2 70
	Total for printing.....	\$15 69
	RECAPITULATION.	
	General allowance.....	\$100 00
	Printing.....	15 69
	Total allowance for Game and Fish Warden.....	\$115 69

State Prison vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Dec. 20	Robert Smith & Co.,	
	For composition on 3,000 copies of Jackson prison report from page 1 to 116,	
	89,480 ems @ 27c	\$10 66
	presswork, 26 tokens @ 15c	3 90
	alteration on copy as follows, viz., galleys 1 to 4, 3¼ hours @ 30c	1 05
	Total for printing	\$15 61
	RECAPITULATION.	
	Total allowance for State Prison	\$15 61

Quartermaster General vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1893.</i>	
Jan. 17	Robert Smith & Co., For composition on 8,000 copies of report from page 1 to 14, 123,783 ems @ 27c... presswork, 39 tokens @ 15c.....	\$33 40 5 84
	Total for printing.....	\$39 24
	RECAPITULATION.	
	Total allowance for Quartermaster General	\$39 24

Northern Michigan Asylum vs. The State of Michigan.

. PRINTING.

Date.	Items.	Amount.
	<i>Allowed October 28, 1892.</i>	
Oct. 19	Robert Smith & Co., For composition on 3,000 copies of report from page 1 to end, 329,848 ems @ 27c. presswork, 117 tokens @ 15c.....	\$89 05 17 55
	Total for printing.....	\$106 60
	BINDING.	
	<i>Allowed December 28, 1892.</i>	
Dec. 8	Robert Smith & Co., For binding 800 Northern Michigan Asylum report with covers, sam. 11.....	\$2 20
	pasting 9,800 plates in same, sam. 54.....	9 60
12	800 covers report Northern Michigan Asylum, sam. 21.....	1 75
	Total for binding.....	\$13 55
	RECAPITULATION.	
	Printing.....	\$106 60
	Binding.....	13 55
	Total allowance for Northern Michigan Asylum.....	\$120 15

Eastern Michigan Asylum vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
Sept. 20	Robert Smith & Co., For composition on 3,200 copies of report from page 1 to 144, 545,611 ems @ 27c.	\$147 31
	presswork, 252 tokens @ 15c.	37 80
	alteration on copy of report, galleys 1 to 40, 26½ hours; page proof signatures, 1¼ hours; 28 hours at 80c.	8 40
	<i>Allowed October 26, 1892.</i>	
Oct. 19	Robert Smith & Co., For composition on 3,450 copies of report from page 145 to end, 87,347 ems @ 27c	10 08
	presswork, 80 tokens @ 15c.	4 50
	Total for printing	\$206 09
	BINDING.	
	<i>Allowed December 28, 1892.</i>	
Dec. 2	Robert Smith & Co., For 1,400 matron's room and hall, sam. 18	\$6 30
	1,400 asylum, Dec. 28, 1891	6 30
	1,400 burnt portion	6 30
	Total for binding	\$18 90
	RECAPITULATION.	
	Printing	\$206 09
	Binding	18 90
	Total allowance for Eastern Michigan Asylum	\$226 99

Detroit House of Correction vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
Detroit House of Correction, For board, clothing, care, medical attendance, etc., of the following named prisoners from April 1, 1892, to June 30, 1892:		
1886 Nov. 6	Anna Vanderburg, 20 years, 13 weeks, @ \$1.00	\$13 00
14	Etna Brass, murder, life, 13 "	12 00
1887 Sept. 27	Abby Higgins, Antrim county, murder, 2 " 1 day "	2 13
1890 Apr. 11	Ida Peterson, 13 years, murder, 13 "	13 00
July 28	Minerva Guy, Mecosta county, 3 years, 13 "	13 00
Sept. 25	Caroline Staube, Detroit, larceny, 5 years, 13 "	13 00
1891 Apr. 2	Mary Rosebach, Houghton county, 2 years, 2 " 5 days "	2 53
June 18	Annie Brown alias Rett Brown, Detroit, 2 years, 13 "	13 00
Sept. 19	Rose Owens, Alpena county, 1½ years, 13 "	13 00
Oct. 1	Kittie McCanley, Bay county, 1 year, 13 "	13 00
Dec. 12	Ella Whitney, Detroit, 5 years, 13 "	13 00
Feb. 9	Barbara Markey, Clare county, 18 months, 13 "	13 00
29	Mary Whitely, Detroit, 6 months, 5 " 3 days "	5 87
Mar. 3	Celia Sullivan, Detroit, larceny, 3 years, 13 "	13 00
30	Anna Nichols, Isabella county, 1½ years, 13 "	13 00
Apr. 30	Sarah Burghdorff, larceny, 1 year, 13 "	13 00
May 16	Anna J. Wright, Chippewa county, 1½ years, 13 "	13 00
19	Ida M. Hall, Newaygo county, 1 year, 13 "	13 00
June 28	Kittie Allen, Schoolcraft county, 1 year, 4 " 4 days "	4 50
	Sarah E. Morey, Tuscola county, 1½ years, 6 " 4 "	6 50
	Annie Cole, 9 months, 6 " 1 day "	6 13
	Josephine Weathers, Kent county, 2 years, 2 days "	87
<i>Allowed October 26, 1892.</i>		
Joseph Nicholson, For board, clothing, care, medical attendance, etc., of prisoners from July 1, 1892, to September 30, 1892, inclusive: act 67, laws of 1879		244 12
<i>Allowed January 25, 1893.</i>		
Joseph Nicholson, For board, clothing, care, etc., of the following named persons from October 1, 1892, to December 31, 1892:		
When received Oct. 1	Anna Vanderberg, transferred from State prison, 20 years, remains 13 weeks, 1 day	13 15
1886 Nov. 6	Edna Brass, Missaukee county, murder, life, remains 13 weeks, 1 day	13 14
1890 July 28	Caroline Staube, Detroit, larceny, 5 years, remains 13 weeks, 1 day	13 15
1891 Apr. 2	Anna Brown alias Rett Brown, Detroit, larceny from the person, 2 years, December 1, 8 weeks, 5 days	8 71
Oct. 1	Ella Whitney, assault, 5 years, remains 13 weeks, 1 day	13 15
2	Barbara Markey, Clare county, adultery, 18 months, December 31, 13 weeks, 1 day	13 14
1892 Feb. 9	Celia Sullivan, Detroit, larceny, 3 years, remains 13 weeks, 1 day	13 15
29	Anna Nichols, Isabella county, adultery, 1½ years, remains 13 weeks, 1 day	13 15
Mar. 3	Sarah Burghdorff, Kalamazoo county, larceny, 1 year, December 24, 12 weeks, 1 day	12 14
30	Anna J. Wright, Chippewa county, keeping house of ill-fame, 1½ years, remains 13 weeks 1 day	13 15
May 16	Ida M. Hall, Newaygo county, adultery, 1 year; 13 weeks, 1 day	13 14
19	Sarah E. Morey, Tuscola county, adultery, 1½ years, remains 13 weeks, 1 day	13 15
June 28	Annie Cole, Manistee county, receiving stolen property, 9 months, December 23, 12 weeks	12 00
July 8	Josephine Weathers, Kent county, assault, 2 years, remains 13 weeks 1 day	13 14
14	Annie Gibson, Kent county, larceny from the person, 9 months, remains 13 weeks, 1 day	13 15
	Rose Johnson, Kent county, larceny, 9 months, remains 13 weeks, 1 day	13 14
Amount carried forward		\$870 50

Detroit House of Correction vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1893.</i>		
	Amount brought forward	\$670 50
1892	Joseph Nicholson,	
Sept. 19	For Mary Stitson, Manistee county, keeping house of ill-fame, 6 months,	
	remains 13 weeks, 1 day	13 15
23	Mrs. Fremont Hannibal, Hillsdale county, keeping house of ill-fame, 1	
	year, remains 13 weeks, 1 day	13 14
11	Frank McDonnell, Hillsdale county, keeping house of ill-fame, 9 months,	
	remains 13 weeks, 1 day	13 15
29	Mary Warren, Clare county, adultery, 1½ years, remains 13 weeks, 1 day	13 14
Oct. 8	Mary Nixon, Chippewa county, keeping house of ill-fame, 10 months,	
	remains 12 weeks, 1 day	12 15
Nov. 9	Nellie Daly, Detroit, obtaining property under false pretenses, 6 months,	
	remains 7 weeks, 4 days	7 53
Dec. 13	Adella Harris, larceny, 5 years, remains 2 weeks, 6 days	2 86
31	Annie Myers, Kent county, keeping house of ill-fame, 2 years, 1 day	14
<i>Allowed April 26, 1893.</i>		
Detroit House of Correction.		
For board, clothing, care, medical attendance, etc., of the following named		
prisoners from January 1, 1893, to March 31, 1893, inclusive, as per con-		
tract with Board of Inspectors of State prison, under act No. 67, laws of		
1879:		
1884	Anna Vanderburg, transfer from State prison, murder, 20 years; remains 12	
Oct. 1	weeks, 6 days	12 86
1886	Edna Brass, Missaukee county, murder, life; remains 12 weeks, 6 days	12 86
Nov. 6	Caroline Staube, recorder's court, Detroit, larceny, 5 years; remains 12	
1890	weeks, 6 days	12 86
July 28	Ella Whitney, recorder's court, Detroit, assault, 5 years, February 3; 4	
1891	weeks, 6 days	4 85
Oct. 1	Celia Sullivan, recorder's court, Detroit, larceny, 3 years; remains 12 weeks	
1892	6 days	12 86
Feb. 9	Anna Nichols, Isabella county, adultery, 1½ years; remains 12 weeks, 6 days	12 85
29	Anna J. Wright, Chippewa county, keeping house of ill-fame, 1½ years;	
Mar. 3	12 weeks, 6 days	12 86
30	Ada M. Hall, Newaygo county, adultery, 1 year, February 4; remains 5 weeks	
May 16	Sarah E. Morey, Tuscola county, adultery, 1½ years; remains 12 weeks, 6 days	
June 28	Josephine Wheathers, Kent county, assault, 3 years; remains 12 weeks, 6 days	
July 8	Anna Gibson, Kent county, larceny, 9 months, February 13; 6 weeks, 2	
	days	6 23
14	Rose Johnson, Kent county, larceny, 9 months, March 2; remains 8 weeks, 5	
	days	8 72
Sept. 19	Mary Kiteen, Manistee county, house of ill-fame, 6 months, February 14;	
	6 weeks, 3 days	6 42
23	Mrs. Fremont Hannibal, Hillsdale county, house of ill-fame, 1 year;	
	remains 12 weeks, 6 days	12 86
	Frank McDowell, Hillsdale county, house of ill-fame, 9 months; remains 12	
	weeks, 6 days	12 85
29	Mary Warren, Clare county, adultery, 1½ years; remains 12 weeks, 6 days	12 86
Oct. 8	May Nixon, Chippewa county, keeping house of ill-fame, 10 months;	
	remains 12 weeks, 6 days	12 85
Nov. 9	Nellie Daley, recorder's court, Detroit, false pretenses, 6 months; remains 12	
	weeks, 6 days	12 86
Dec. 12	Adella Harris, recorder's court, Detroit, larceny, 5 months; remains 12 weeks,	
	6 days	12 85
31	Anna Myers, Kent county, house of ill-fame, 2 years; remains 12 weeks, 6	
	days	12 86
1893	Margaret C. Cook, Kent county, soliciting female to enter house of ill-fame	
Jan. 25	4 years, January 30; 6 days	35
Feb. 16	Lillie M. Parker, Mason Co., bigamy, 6 months; 6 weeks, 2 days	6 23
27	Mary M. A. Dalton, Chippewa county, manslaughter, 6 months; 4 weeks, 5	
	days	4 71
Total for general allowance		\$681 76
RECAPITULATION.		
Total allowance for Detroit House of Correction		\$681 76

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
Wayne County Insane Asylum.		
For maintenance and clothing of patients under section 3 of act No. 47, 1891, for quarter ending June 30, 1892:		
Apr. 16	Angus, Mary, board from April 1 to June 30, 91 days @ 22½c.....	\$29 58
	two pair hose @ 11c.....	22
	Brumville, Henry, board from April 1 to June 30.....	29 58
	hat.....	40
May 18	Brown, John (2) board from April 1 to June 30, 91.....	29 58
	hat.....	40
	Burns, Margaret, board from April 1 to June 30.....	29 58
	Beecham, Fannie, board from April 1 to June 30.....	29 58
	pair slippers.....	85
June 16	two chemise @ 25c.....	50
	Boneham, Wm., board from April 1 to June 30, 91 days.....	29 58
	Bottles, Thos., board from April 1 to June 30.....	29 58
22	two shirts @ 50c.....	1 00
	Croghan, Margaret, board from April 1 to June 30.....	29 58
	two pair drawers @ 30c.....	60
	" " hose @ 12½c.....	25
	Cunningham, Patrick, board from April 1 to June 30, 91 days.....	29 58
	Campbell, Wm. P., board from April 1 to June 30.....	29 58
	suit, \$4.25; pair shoes, \$2.15.....	6 40
	hat.....	40
	Carlston, Theo. C., board from April 1 to June 30, 91 days.....	29 58
	hat.....	40
Apr. 16	Doe, John (1) board from April 1 to June 30.....	29 58
	suit, \$4.25; hat, 40c.....	4 85
	Doe, John (2) board from April 1 to June 30.....	29 58
	Davis, John, board from April 1 to June 30.....	29 58
May 18	hat.....	40
	Engle, Henry, board from April 1 to May 5, 85 days @ 22½c.....	11 55
	Fonder, Catherine, board from April 1 to June 30.....	29 58
	Faulkner, Arthur D., board from April 1 to June 30.....	29 58
	pair pants.....	1 75
Apr. 16	Gales, Wm., board from April 1 to April 9.....	3 06
8	coat and vest.....	3 50
	Hanley, John, board from April 1 to June 30.....	29 58
19	pair suspenders.....	20
June 20	two aprons @ 30c.....	60
	Kinder, Herman, board from April 1 to June 30.....	29 58
	Kranb, August, board from April 1 to June 30.....	29 58
	hat.....	40
	Lange, John, board from April 1 to June 30.....	29 58
	hat.....	40
	Lantz, John, board from April 1 to June 30.....	29 58
	hat.....	40
	Leonard, James, board from April 1 to June 30.....	29 58
	Laitner, Louise, " " " " " " 30.....	29 58
	Michalls, Rudolph, board from April 1 to June 30.....	29 58
	two shirts @ 50c.....	1 00
	pair hose @ 12½c.....	25
May 9	pair slippers.....	75
	Moritz, Joseph, board from April 1 to June 30.....	29 58
18	hat.....	40
	Maoham, Carl, board from April 1 to June 30.....	29 58
	suit.....	4 25
	hat.....	40
	McCarthy, Martin, board from April 1 to June 30, 91 days.....	29 58
Apr. 14	two shirts @ 50c.....	1 00
May 21	hat.....	40
	Negri, Jos., board from April 1 to June 30.....	29 58
Apr. 19	pair suspenders.....	20
	Norman, Dennis, board from April 1 to June 30, 91 days.....	29 58
14	two shirts @ 50c.....	1 00
May 21	hat.....	40
	Phelps, Horace, board from April 1 to June 30.....	29 58
	Petrovitz, John, " " " " " " 30.....	29 58
18	hat.....	40
	Amount carried forward.....	\$365 56

ANNUAL REPORT OF THE

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$965 56
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Belicker, Herman, board from April 1 to June 30	29 58
	Renke, Augusta, board from April 1 to June 30	29 58
Apr. 7	pair shoes	1 00
June 16	two dresses @ \$1.50	3 00
	" chemise @ 25c	50
	Roder, Frederick, board from April 1 to June 30, 91 days	29 58
	Rosemer, John F., " " " 1 " " 30	29 58
Apr. 14	pair overalls	60
	two pair hose @ 12½c	25
May 10	Smith, Alice C., board from April 1 to June 30	29 58
	dress, \$1.50; two aprons, 40c	1 90
Apr. 13	Schalley, Mary, board from April 1 to June 30	29 58
	dress	1 50
16	Smock, Mary, board from April 1 to June 30	29 58
June 16	two aprons @ 20c	40
	pair shoes, \$1.55; two chemise, 50c	2 05
	dress	1 50
Apr. 19	Smith, Clifton, board from April 1 to June 30	29 58
	suit	5 25
	pair shoes	2 15
June 22	two pair hose @ 12½c	25
	" shirts @ 50c	1 00
Apr. 14	Sutton, John, board from April 1 to June 30	29 58
	two pair hose @ 12½c	25
	Wilson, John, board from April 1 to June 30	29 58
May 21	pair overalls	60
	hat	40
1	Walling, Catherine, board from April 1 to June 30	29 58
Apr. 16	pair shoes	65
May 18	two pair hose @ 11c	22
June 26	straw hat, 25c; (June 8) dress, \$1.50	1 75
	two pair hose @ 12½c	25
Apr. 7	Walters, Mary, board from April 1 to June 30	29 58
16	slippers	65
June 16	dress	1 50
	two aprons @ 20c	40
	" chemise @ 25c	50
Apr. 7	straw hat	25
June 16	White, Margaret, board from April 1 to June 30	29 58
	dress, \$1.50; (April 16) 2 aprons @ 20c, 40c	1 90
	two pair hose @ 10c	20
	" chemise @ 25c	50
Apr. 14	pair shoes	1 55
	Williams, Nathan, board from April 1 to June 30	29 58
June 16	pair overalls, 50c; jacket, 50c	1 10
	Walters, August, board from April 1 to June 30	29 58
	hat	40
	Zeass, Alexander, board from April 1 to April 9	3 05
	expenses for the quarter	2,662 94
	<i>Allowed October 26, 1892.</i>	
	Wayne County Insane Asylum, For maintenance and clothing of patients, non-resident, under section 3 of act No. 47, 1891, for the quarter ending September 30, 1892:	
Aug. 6	Mary Angia, board from July 1 to September 30, 92 days	30 18
30	two pair hose @ 12½c	25
Sept. 12	Henry Bramville, board from July 1 to September 30, 92 days	30 18
	two shirts @ 50c	1 00
Aug. 6	pair suspenders	20
30	John Brown (2), board, 92 days	30 18
July 7	seersucker coat and vest	85
Aug. 4	hat	30
	two pair hose @ 12½c	25
	Margaret Burns, board, 92 days	30 18
	two pair hose @ 12½c	25
	" dresses @ \$1.50	3 00
	Fannie Beecham, board, 92 days	30 18
	two aprons @ 20c	40
	Amount carried forward	\$3,901 72

BOARD OF STATE AUDITORS.

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Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$3,301 72
	Wayne County Insane Asylum,	
Aug. 4	For maintenance, clothing, etc., as follows:	
	William Boneham, board, July 1 to September 30, 92 days	30 18
	Thos. Bottles, " " 1 " " 30, 92 "	30 18
Sept. 12	1 pair suspenders	20
Aug. 10	Margaret Croghan, board, 92 days	30 18
	1 dress	1 50
	Patrick Cunningham, board, 92 days	30 18
	Wm. P. Campbell, " 92 "	30 18
July 1	2 pair hose @ 12½c	25
Sept. 12	1 " suspenders	20
	Theo. C. Carlston, board, 92 days	30 18
July 19	1 pair shoes	1 10
Aug. 6	seersucker coat and vest	85
	John Doe (1) board, 92 days	30 18
July 1	2 pair hose @ 12½c	25
Aug. 30	3 shirts @ 50c	1 00
	John Doe (2) board, 88 days	28 86
Sept. 12	1 pair suspenders	20
	John Davis, board, 92 days	30 18
July 18	1 pair suspenders	30
Aug. 6	seersucker coat and vest	85
13	1 pair pants	90
30	2 " hose @ 12½c	25
	3 shirts @ 50c	1 00
	Catherine Fonder, board, July 1 to September 30, 92 days	30 18
Sept. 13	1 pair shoes	1 65
	Arthur D. Faulkner, board, July 1 to September 30	30 18
	John Stanley, " " 1 " " 30	30 18
	Herman Kinder, " " 1 " " 30	30 18
Aug. 9	seersucker coat and vest	85
25	2 handkerchiefs @ 6c	12
	August Kranb, board, 92 days	30 18
July 1	2 pair hose @ 12½c	25
	John Lange, board, 92 days	30 18
19	1 pair shoes	1 10
Aug. 19	straw hat	30
30	2 pair hose @ 12½c	25
Sept. 12	1 " suspenders	20
	John Lantz, board, 92 days	30 18
July 19	1 pair shoes	1 10
Aug. 6	seersucker coat and vest	85
19	straw hat	30
30	2 pair hose @ 12½c	25
Sept. 12	1 " suspenders	20
	James Leonard, board, 92 days	30 18
July 11	1 suit	5 25
Aug. 25	2 handkerchiefs @ 6c	12
	Louise Leitner, board, 92 days	30 18
	Rudolph Michaels, board, 92 days	30 18
July 19	2 pair hose @ 12½c	25
Sept. 12	1 " suspenders	20
	Joseph Moritz, board, 92 days	30 18
July 18	1 pair shoes	1 10
Aug. 6	seersucker coat and vest	85
	Carl Macham, board 92 days	30 18
	seersucker coat and vest	85
30	2 shirts @ 50c	1 00
	Martin McCarthy, board, 92 days	30 18
6	seersucker suit	1 75
Sept. 1	shirt	50
	2 pair hose @ 12½c	25
12	1 " suspenders	20
	Joseph Negri, board, 92 days	30 18
	Dennis Noonan, board, 92 days	30 18
Aug. 6	1 pair shoes	1 10
	straw hat	30
8	2 shirts @ 50c	1 00
	Horace Phelps, board, 92 days	30 18
July 1	2 pair hose @ 12½c	25
Aug. 12	seersucker suit	1 75
19	1 pair shoes	1 65
	Amount carried forward	\$4,089 34

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$4,069 34
	Wayne County Insane Asylum.	
	For maintenance, clothing, etc., as follows:	
	John Petrovitz, board, July 1 to September 30.	30 18
Sept. 12	1 pair suspenders	20
	Herman Relicker, board, 92 days	20 15
July 18	1 pair shoes	1 10
Sept. 12	1 " suspenders	20
	Augusta Renke, board, 92 days	30 18
	Fred Rodas, board, 92 days	30 18
Aug. 6	seersucker coat and vest	85
13	1 pair pants	90
	John F. Roesmer, board, 92 days	20 18
July 19	2 pair hose @ 12½c	25
Sept. 12	1 " suspenders	20
	Alice C. Smith, board, 92 days	30 18
July 11	print dress	1 50
	night	1 00
Aug. 18	1 pair shoes	1 55
	Mary Schalley, board, 92 days	20 18
26	2 pair hose @ 12½c	25
	Mary Smoch, board, 92 days	20 18
14	2 aprons @ 20c	40
	Clifton Smith, board, 92 days	30 18
6	seersucker suit	1 75
Sept. 1	shirt	50
	2 pair hose @ 12½c	25
	John Sutton, board, 92 days	20 18
Aug. 8	2 shirts @ 50c	1 00
Sept. 19	handkerchief	08
	John Wilson, board, 92 days	30 18
July 19	2 pair hose @ 12½c	25
22	1 " overalls	60
Aug. 6	seersucker suit	1 75
	Catherine Walling, board, 92 days	30 18
	Mary Walters, board, 92 days	30 18
July 7	2 pair hose @ 12½c	25
	Margaret White, board, 92 days	30 18
	Nathan Williams, board, 92 days	30 18
19	pair shoes	1 10
Sept. 13	" suspenders	20 18
	August Walters, board, 92 days	30 18
Aug. 6	seersucker coat and vest	85
	maintenance and clothing of permanent patients, under section 3, act No. 47, 1891, for the quarter ending Sept. 30, 1892:	
	Frederica Adams, board from July 1 to Sept. 30—92 days	30 18
17	dress	1 50
	John Arey, board, 92 days	30 18
July 18	1 pair shoes	1 10
Aug. 6	seersucker suit	1 75
30	2 pair hose @ 12½c	25
	2 shirts @ 50c	1 00
	Wm. H. Ash, board, July 1 to September 30, 92 days	30 18
	2 pair hose @ 12½c	25
	John Belo, board, July 1 to September 30	30 18
30	2 pair hose @ 12½c	25
	Mary Barrow, board, July 1 to September 30, 92 days	30 18
4	2 aprons @ 20c	40
Sept. 13	1 pair shoes	1 55
	John Brichta, board, July 1 to September 30, 92 days	30 18
Aug. 6	seersucker coat and vest	85
	Michael Basquel, board, July 1 to September 30, 92 days	30 18
July 26	3 pair overalls @ 50c	1 50
	3 shirts @ 50c	1 50
Aug. 23	1 pair shoes	1 10
Sept. 1	1 " pants	1 75
	James Breman, board, July 1 to September 30, 92 days	30 18
	Alfred Crolens, board, 92 days	30 18
July 18	1 pair shoes	1 10
	1 " suspenders	20
Aug. 6	seersucker suit	1 75
	Elizabeth Crawford, board, July 1 to September 30, 92 days	30 18
July 7	2 pair hose @ 12½c	25
Aug. 17	2 dresses @ \$1.50	3 00
	Amount carried forward	\$5,512 48

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 28, 1892.</i>	
	Amount brought forward.....	\$5,812 43
	Wayne County Insane Asylum.	
	For maintenance, clothing, etc., as follows:	
	Eliza Donnelly, board, July 1 to September 30, 92 days.....	30 18
Aug. 17	1 pair shoes.....	1 55
	Mary Dancy, board, July 1 to September 30, 92 days.....	30 18
July 7	2 pair hose @ 12½c.....	25
	Wm. Dwyer, board, July 1 to September 30.....	30 18
	Margaret Dolan, board, July 1 to September 30, 92 days.....	30 18
Sept. 18	1 pair shoes.....	1 65
	Edward Delaney, board, July 1 to September 30, 92 days.....	30 18
July 26	1 pair overalls.....	60
19	2 " " hose @ 12½c.....	25
Aug. 6	seersucker suit.....	1 75
Sept. 12	1 pair suspenders.....	30
	George Estelle, board, July 1 to September 30, 92 days.....	30 18
1	1 shirt.....	50
	2 pair hose @ 12½c.....	25
	Caroline England, board, July 1 to September 30, 92 days.....	30 18
13	1 pair shoes.....	1 65
	Charles Falskofske, board, July 1 to September 30, 92 days.....	30 18
Aug. 6	seersucker coat and vest.....	85
Sept. 12	1 pair suspenders.....	30
	Xavier First, board, July 1 to September 30, 92 days.....	30 18
July 19	1 pair shoes.....	1 10
26	1 suit.....	5 50
	Julia Forney, board, July 1 to September 30, 92 days.....	30 18
Aug. 4	2 aprons @ 20c.....	40
Sept. 18	1 pair shoes.....	1 65
	John Feldman, board, July 1 to September 30, 92 days.....	30 18
July 1	2 pair hose @ 12½c.....	25
Aug. 6	seersucker suit.....	1 75
	straw hat.....	30
30	2 shirts @ 50c.....	1 00
	Robert Fisher, board, July 1 to September 30, 92 days.....	30 18
	Ellen Golden, board, July 1 to September 30, 92 days.....	30 18
	Barbara Genuine, board, July 1 to September 30, 92 days.....	30 18
July 11	black dress.....	2 50
29	2 aprons @ 20c.....	40
	Robert Gibbs, board, July 1 to September 30, 92 days.....	30 18
11	1 pair slippers.....	75
Aug. 9	seersucker suit.....	1 75
	Mary A. Getsing, board, July 1 to September 30, 92 days.....	30 18
July 29	3 aprons @ 20c.....	60
Sept. 13	1 pair shoes.....	1 65
	Norman Halstead, board, July 1 to September 30, 92 days.....	30 18
July 19	1 pair shoes.....	1 10
	Thos. Henry, board, 92 days.....	30 18
Aug. 6	seersucker suit.....	1 75
Sept. 12	straw hat.....	30
	1 pair suspenders.....	30
Aug. 10	Catherine Hess, board, July 1 to September 30.....	30 18
16	dress.....	1 50
	1 pair shoes.....	1 55
July 7	Matilda Hollender, board, July 1 to September 30, 92 days.....	30 18
	2 pair hose @ 12½c.....	25
	James R. Huff, board, 92 days.....	30 18
Aug. 6	straw hat.....	30
Sept. 1	shirt.....	50
	2 pair hose @ 12½c.....	25
19	handkerchief.....	06
	Margaret Hastings, board, 92 days.....	30 18
Aug. 10	dress.....	1 50
18	1 pair shoes.....	1 55
	Mary Holly, board, July 1 to 7, 7 days.....	2 30
	Albert G. Hutchings, board, 92 days.....	30 18
13	1 pair pants.....	90
	Maria Jacobson, board, July 1 to September 30, 92 days.....	30 18
4	2 aprons @ 20c.....	40
	William Kanze, board, July 1 to Sept. 30.....	30 18
July 18	1 pair shoes.....	1 10
Aug. 30	2 shirts @ 50c.....	1 00
	Amount carried forward.....	\$6,612 74

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed October 28, 1892.</i>		
	Amount brought forward	\$6,612 74
	Wayne County Insane Asylum,	
	For maintenance, clothing, etc., as follows:	
	Henry Kellogg, board, July 1 to September 30	30 18
July 18	pair suspenders	20
Aug. 6	straw hat	30
30	2 pair hose @ 12½¢	25
6	Frank Kellogg, board, July 1 to September 30, 92 days	30 18
	1 pair shoes	1 10
	James Knight, board, July 1 to September 30, 92 days	30 18
	seersucker suit	1 75
	John King, board, July 1 to September 30, 92 days	30 18
	Frederick Kamisky, board, 92 days	30 18
July 4	suit	5 25
	2 pair hose @ 12½¢	25
19	1 pair shoes	1 10
	John Krafft, board, 92 days	30 18
	1 pair shoes	1 10
Aug. 6	seersucker suit	1 75
30	2 pair hose @ 12½¢	25
	2 shirts @ 50¢	1 00
	John Koeppe, board, 92 days	30 18
July 19	1 pair shoes	1 10
Aug. 6	straw hat	30
30	2 pair hose @ 12½¢	25
25	Jacob Kehl, board July 1 to September 30	30 18
	2 handkerchiefs @ 6¢	12
	Joseph Lipka, board, July 1 to September 30	30 18
July 4	suit	5 50
Aug. 6	seersucker coat and vest	65
	James Lejoy, board, 92 days	30 18
July 26	1 pair overalls	60
Sept. 23	1 pair shoes	1 10
	1 suit	4 75
Aug. 6	Leo Levy, board, 92 days	30 18
	seersucker suit	1 75
	straw hat	30
	Jennie Lanabelle, board, 92 days	30 18
July 7	2 pair hose @ 12½¢	25
	Francis Lafountain, board, 92 days	30 18
Aug. 18	4 aprons @ 20¢	80
	1 pair shoes	1 55
Sept. 23	1 pair shoes	1 65
	Frank W. Lohr, board, 92 days	30 18
July 26	1 pair overalls	60
Aug. 6	seersucker coat and vest	85
8	2 shirts @ 50¢	1 00
	Jas. D. Livingston, board, 92 days	30 18
July 11	1 pair of slippers	75
Aug. 25	2 handkerchiefs @ 6¢	12
	Mary Mulligan, board, 92 days	30 18
	Mary Mills, board, 92 days	30 18
26	2 pair hose @ 12½¢	25
	Ahlon Modelick, board, 92 days	30 18
Sept. 18	1 pair shoes	1 65
	Georgiana Monnett, board, 92 days	30 18
	Cyril C. Melhot, board, 92 days	30 18
Aug. 6	seersucker suit	1 75
Sept. 1	shirt	50
	2 pair hose @ 12½¢	25
	Michael J. Murphy, board, 92 days	30 18
	1 shirt	50
	2 pair hose @ 12½¢	25
Aug. 6	Stephen McDonald, board, 92 days	30 18
	seersucker coat and vest	85
	1 pair shoes	1 10
8	2 shirts @ 50¢	1 00
Sept. 13	1 pair suspenders	20
	Edward McEwen, board, 92 days	30 18
July 19	1 pair shoes	1 10
Aug. 6	seersucker suit	1 75
	Amount carried forward	\$7,356 52

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed October 26, 1892.</i>		
	Amount brought forward	\$7,356 52
	Wayne County Insane Asylum,	
	For maintenance, clothing, etc., as follows:	
	Luke Nolan, board, 92 days	30 18
July 18	1 pair shoes	1 10
Aug. 30	2 " hose @ 12½c	25
	2 shirts @ 50c	1 00
	Mary O'Neil, board, 92 days	30 18
Sept. 9	2 pair hose @ 12½c	25
	Harriet Poole, board, 92 days	30 18
Aug. 10	2 dresses @ \$1.50	3 00
	Ada Pardon, board, 92 days	30 18
4	2 aprons @ 20c	40
	Louisa Panar, board, 92 days	30 18
26	2 pair hose @ 12½c	25
	Patrick Pryor, board, 92 days	30 18
July 1	2 pair hose @ 12½c	25
18	1 " shoes	1 10
Aug. 6	seersucker coat and vest	85
30	2 shirts @ 50c	1 00
Sept. 12	1 pair suspenders	25
	Thos. Quirk, board, 92 days	30 18
July 19	2 pair hose @ 12½c	25
26	1 " overalls	60
Sept. 12	1 " suspenders	20
	Emma Richmond, board, 92 days	30 18
13	1 pair shoes	1 65
	Barbara Roulo, board, 92 days	30 18
Aug. 18	2 aprons @ 20c	40
	Jacob Schmidt, board, 92 days	30 18
6	Henry Schlews, " 92 "	30 18
	seersucker suit	1 75
July 18	John C. Smith, board, 92 days	30 18
Aug. 6	1 pair shoes	1 10
19	seersucker suit	1 75
30	straw hat	20
	2 pair hose @ 12½c	25
	Anna Stickney, board, 92 days	30 18
4	Lizzie Smith, board, 92 days	30 18
17	2 aprons @ 20c	40
	pair shoes	1 55
July 29	Adaline St. Louis, board, 92 days	30 18
Aug. 18	2 chemise @ 25c	50
	2 aprons @ 20c	40
July 29	Mary Sommerville, board, 92 days	30 18
	2 aprons @ 20c	40
Aug. 10	Martha Sullivan, board, 92 days	30 18
6	dress	1 50
	Chas. Susick, board, 92 days	30 18
	seersucker suit	1 75
	John Shaffer, board, 92 days	30 18
	straw hat	20
Sept. 1	seersucker coat and vest	85
	shirt	50
12	2 pair hose @ 12½c	25
	1 " suspenders	20
	handkerchief	05
Aug. 6	Adolph Steven, board, 92 days	30 18
	seersucker suit	1 75
	1 pair shoes	1 10
8	straw hat	80
	2 shirts @ 50c	1 00
Sept. 23	Jacob Sopmanskie, board, 92 days	30 18
	Carrie Williams, board, 92 days	30 18
	1 pair slippers	65
July 29	Mary Woody, board, 92 days	30 18
Aug. 18	Jennie Wright, " 92 "	30 18
	2 aprons @ 20c	40
	1 pair shoes	1 55
	Mathias Weiss, board, 92 days	30 18
6	John Williams, board, 92 days	30 18
18	straw hat	1 80
	pair shoes	1 10
	Amount carried forward	\$8,176 11

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed October 26, 1892.</i>		
	Amount brought forward	\$8,176 11
	Wayne County Insane Asylum.	
	For maintenance, clothing, etc., as follows:	
Aug. 18	Matilona Zinn, board, July 1 to Sept. 30	80 18
	1 pair shoes	1 65
	(Transferred from county to State, July 15, 1891, having been admitted to Eastern Asylum July 15, 1890.)	
	Wm. G. Moran, board, from July 15 to Sept. 30, 78 days	25 58
<i>Allowed May 31, 1893.</i>		
	Wayne County Insane Asylum:	
	For maintenance and clothing of patients, under section 3 of act No. 47, 1891, for quarter ending March 31, 1893:	
Jan. 1	Adams Frederica, board from Jan. 1 to March 31, 90 days	31 95
Mar. 14	2 chemise @ 25c	50
2	2 pair hose @ 15c	30
	John Arey, board from January 1 to March 31, 90 days	31 95
	Wm. Ash, " " " 1 " 31, 90 "	31 95
	John Belo, " " " 1 " 31, 90 "	31 95
	Mary Burrow, " " " 1 " 31, 90 "	31 95
14	2 chemise @ 25c	50
	John Brights, board from January 1 to March 31, 90 days	31 95
	Michael Basquel, " " " 1 " 31, 90 "	31 95
Feb. 20	2 aprons @ 50c	1 00
	James Brennan, board from January 1 to March 31, 90 days	31 95
	Ed. S. Corkings, " " " 1 Feb. 19, 50 "	17 75
Jan. 17	2 pair hose @ 25c	50
Feb. 16	2 shirts, 80c; caps, 40c	1 20
	Alfred Crolens, board from January 1 to March 31, 90 days	31 95
	Elizabeth Crawford, board from January 1 to March 31, 90 days	31 95
16	pair shoes	1 00
Mar. 2	dress	1 50
	Eliza Dannelly, board from January 1 to March 31, 90 days	31 95
2	2 dresses @ \$1.50	3 00
14	2 chemise @ 25c	50
	Mary Dancy, board from January 1 to March 31, 90 days	31 95
2	2 pair hose @ 15c	30
14	2 chemise @ 25c	50
Jan. 1	Wm. Dwyer, board from January 1 to March 31, 90 days	31 95
	pair suspenders, 20c; 2 pair hose, 40c	60
	Margaret Dolen, board from January 1 to March 31, 90 days	31 95
	Edward Delaney, " " " 1 " 31, 90 "	31 95
Feb. 11	2 shirts @ 40c	80
Mar. 16	coat and vest	3 25
	Geo. Estelle, board from January 1 to March 31, 90 days	31 95
Jan. 1	pair shoes, \$2.00; 2 undershirts, \$1.20	3 20
Mar. 15	2 pair hose, 30c; pair suspenders, 20c	50
	Fred H. Elder, board from January 1 to March 31, 90 days	31 95
6	coat and vest	3 50
	Caroline England, board from January 1 to March 31, 90 days	31 95
Mar. 2	2 pair hose	30
	Charles Falskofski, board from January 1 to March 31, 90 days	31 95
Feb. 27	pair mitte	40
	Xavier First, board from January 1 to March 31, 90 days	31 95
Mar. 15	2 pair hose	30
	Julius Forney, board from January 1 to March 31, 90 days	31 95
14	2 chemise @ 25c	50
	John Feldman, board from January 1 to March 31, 90 days	31 95
	Robert Fisher, " " " 1 " 31, 90 "	31 95
16	coat and vest	3 50
	Ellen Golden, board from January 1 to March 31, 90 days	31 95
Jan. 2	2 cotton vests, 50c; pair slippers, 85c	1 15
	Barbara Genuine, board from January 1 to March 31, 90 days	31 95
	Robert Gibbs, " " " 1 " 31, 90 "	31 95
18	2 shirts	2 00
17	2 pair hose @ 25c	50
	Mary A. Getsing, board from January 1 to March 31, 90 days	31 95
	Norman Halstead, " " " 1 " 31, 00 "	31 95
Mar. 7	pair cloth suspenders	10
	Thomas Henry, board from January 1 to March 31, 90 days	31 95
Jan. 2	pair shoes	1 50
	Amount carried forward	\$9,212 32

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward.....	\$9,212 32
	Wayne County Insane Asylum.	
	For maintenance, clothing, etc., as follows:	
Mar. 4	Catherine Hess, board from January 1 to March 31, 90 days.....	\$1 95
	pair shoes.....	1 60
2	Matilda Hollender, board from January 1 to March 31, 90 days.....	\$1 95
	2 pair hose.....	30
Feb. 9	James R. Huff, board from January 1 to March 31, 90 days.....	\$1 95
23	suit.....	6 00
	pair suspenders.....	20
	Margaret Hastings, board from January 1 to March 31, 90 days.....	\$1 95
	Albert G. Hutchings, " " " 1 " " 31, 90 ".....	\$1 95
	Maria Jacobson, " " " 1 " " 31, 90 ".....	\$1 95
	William Kunze, " " " 1 " " 31, 90 ".....	\$1 95
Mar. 16	pair shoes.....	1 25
Jan. 27	Henry Kellogg, board from January 1 to March 31, 90 days.....	\$1 95
	pair pants.....	1 75
Feb. 9	Frank Kellogg, board from January 1 to March 31, 90 days.....	\$1 95
	suit.....	6 00
Feb. 9	pair mitts.....	40
Mar. 16	James Knight, board from January 1 to Mar. 31, 90 days.....	\$1 95
	suit.....	5 00
	John King, board from January 1 to March 31, 90 days.....	\$1 95
	Fred Kaminsky, " " " 1 " " 31, 90 ".....	\$1 95
16	pair pants.....	1 80
Feb. 13	John Kraff, board from January 1 to March 31, 90 days.....	\$1 95
Mar. 7	suit.....	4 75
	2 large aprons.....	1 20
Jan. 27	John Koepple, board from January 1 to March 31, 90 days.....	\$1 95
	coat.....	3 00
13	Jacob Kehl, board from January 1 to March 31, 90 days.....	\$1 95
17	2 shirts @ \$1.00.....	2 00
	2 pair hose @ 25c.....	50
	Joseph Lipka, board from January 1 to March 31, 90 days.....	\$1 95
	James Lejoy, " " " 1 " " 31, 90 ".....	\$1 95
17	2 pair hose @ 25c.....	50
	Leo Levy, board from January 1 to March 31, 90 days.....	\$1 95
	pair slips.....	55
Mar. 2	Jennie Larabelle, board from January 1 to March 31, 90 days.....	\$1 95
	2 pair hose @ 15c.....	30
Feb. 1	Francis Lafountain, board from January 1 to March 31, 90 days.....	\$1 95
	2 dresses @ \$1.50.....	3 00
11	Frank W. Lohr, board from January 1 to March 31, 90 days.....	\$1 95
Mar. 7	2 shirts.....	80
16	pair cloth suspenders.....	10
	suit.....	4 75
Jan. 13	James D. Livingston, board from January 1 to March 31, 90 days.....	\$1 95
17	suit.....	6 00
	2 pair hose @ 25c.....	50
21	Mary Mulligan, board from January 1 to March 31, 90 days.....	\$1 95
Mar. 4	pair shoes.....	1 60
	2 pair hose.....	30
Jan. 21	Mary Mills, board from January 1 to March 31, 90 days.....	\$1 95
Feb. 8	corset.....	80
	2 night dresses.....	1 60
	Ahlon Modelick, board from January 1 to March 31, 90 days.....	\$1 95
	Georgiana Monnett, " " " 1 " " 31, 90 ".....	\$1 95
	flannel shirt.....	50
	Cyril C. Methot, board from January 1 to March 31, 90 days.....	\$1 95
9	pair shoes.....	1 80
Mar. 15	Michael Murphy, board from January 1 to March 31, 90 days.....	\$1 95
	2 pair hose.....	30
Jan. 17	William G. Morran, board from January 1 to March 31, 90 days.....	\$1 95
	2 wool shirts @ \$1.00.....	2 00
	Stephen McDonald, board from January 1 to March 31, 90 days.....	\$1 95
	Edward McEwan, " " " 1 " " 31, 90 ".....	\$1 95
	Luke Nolan, " " " 1 " " 31, 90 ".....	\$1 95
	Mary O'Neill, " " " 1 " " 31, 90 ".....	\$1 95
Feb. 1	sateen dress.....	2 00
Jan. 21	Harriet Poole, board from January 1 to March 31, 90 days.....	\$1 95
	corset.....	80
Mar. 2	Ada Purdon, board from January 1 to March 31, 90 days.....	\$1 95
	2 dresses @ \$1.50.....	3 00
	Amount carried forward.....	\$10,896 22

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$10,396 22
	Wayne County Insane Asylum,	
	For maintenance, clothing, etc., as follows:	
Jan. 21	Louisa Paner, board from January 1 to March 31, 90 days.....	31 95
	pair shoes.....	1 00
17	Patrick Pryor, board from January 1 to March 31, 90 days	31 95
27	cap.....	40
Feb. 27	coat and vest.....	3 50
	pair mitts.....	40
41	Thomas Quirk, board from January 1 to March 31, 90 days.....	31 95
Mar. 7	2 shirts.....	50
	pair cloth suspenders.....	10
	Emma Richmond, board from January 1 to March 31, 90 days.....	31 95
	Barbara Roulo, " " " 1 " " \$1, 90	31 95
	Jacob Schmidt, " " " 1 " " \$1, 90	31 95
	Henry Schloar, " " " 1 " " \$1, 90	31 95
Jan. 27	pair pants.....	1 75
	John C. Smith, board from January 1 to March 31, 90 days.....	31 95
Feb. 2	cap.....	40
17	pair overalls.....	60
27	" shoes.....	1 25
	" mitts.....	40
	Anna Stickney, board from January 1 to March 31, 90 days.....	31 95
	Adeline St. Louis, " " " 1 " " \$1, 90	31 95
	2 pair hose @ 25c.....	50
Mar. 4	2 pair hose @ 15c.....	30
	Mary Summerville, board from January 1 to March 31, 90 days.....	31 95
4	2 pair hose.....	40
	Martha Sullivan, board from January 1 to March 31, 90 days.....	31 95
	Charles Susick, " " " 1 " " \$1, 90	31 95
	John Schaffer, " " " 1 " " \$1, 90	31 95
15	2 pair hose.....	50
18	2 white shirts.....	80
	Adolph Steven, board from January 1 to March 31, 90 days.....	31 95
Jan. 2	Jacob Symanski, " " " 1 " " \$1, 90	31 95
Feb. 11	pair suspenders.....	20
	" shoes.....	1 25
	Carrie Williams, board from January 1 to March 31, 90 days.....	31 95
	Mary Moody, " " " 1 " " \$1, 90	31 95
	Jennie Wright, " " " 1 " " \$1, 90	31 95
Jan. 21	pair shoes.....	1 00
Mar. 15	Mathias Weiss, board from January 1 to March 31, 90 days.....	31 95
16	2 pair hose.....	30
18	1 " shoes.....	1 25
	2 white shirts.....	80
Jan. 17	John Williams, board from January 1 to March 31, 90 days.....	31 95
Feb. 13	2 wool shirts @ \$1.00.....	2 00
	pair overalls, 60c; pair shoes, \$1.25.....	1 85
	Matilona Zinn, board from January 1 to March 31, 90 days.....	31 95
	maintenance and clothing of patients under section 3, act No. 47, 1891, for quarter ending March 31, 1893:	
Jan. 21	Mary Angie, board from January 1 to March 31, 90 days.....	31 95
Feb. 1	pair shoes.....	1 00
	2 pair hose @ 25c.....	50
	Henry Brumville, board from January 1 to March 31, 90 days.....	31 95
	John Brown 2d, " " " 1 " " \$1, 90	31 95
3	pair shoes.....	1 25
	Margaret Burns, board from January 1 to March 31, 90 days.....	31 95
	Fannie Beecham, " " " 1 " " \$1, 90	31 95
16	pair slips.....	85
Mar. 14	2 chemises @ 25c.....	50
	William Bouchman, board from January 1 to March 31, 90 days.....	31 95
	Thos. Bottles, " " " 1 " " \$1, 90	31 95
6	suit.....	4 75
14	2 white shirts.....	80
Feb. 1	Margaret Croghan, board from January 1 to March 31, 90 days.....	31 95
	dress.....	1 50
Jan. 3	Patrick Cunningham, board from January 1 to March 31, 90 days.....	31 95
	2 wool shirts @ \$1.00.....	2 00
27	William P. Campbell, board from January 1 to March 31, 90 days.....	31 95
Feb. 3	suit.....	5 25
	pair shoes.....	1 25
	Amount carried forward	\$11,461 62

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$11,461 62
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Theo. C. Carlston, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 17	2 pair hose.....	50
	John Doe (1) board from January 1 to March 31, 90 days.....	\$1 95
	John Davis, " " " 1 " " 31, 90 ".....	\$1 95
	Catherine Fonder, " " " 1 " " 31, 90 ".....	\$1 95
	Arthur D. Falkner, " " " 1 " " 31, 90 ".....	\$1 95
	John Hanbey, " " " 1 " " 31, 90 ".....	\$1 95
26	pair shoes, \$1.30; 2 pair overalls, \$1.20.....	2 50
Mar. 7	2 large aprons.....	1 20
	Herman Kinder, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 17	2 pair hose.....	50
	August Kraub, board from January 1 to March 31, 90 days.....	\$1 95
	John Lange, " " " 1 " " 31, 90 ".....	\$1 95
Mar. 6	pair pants.....	1 25
	John Lautz, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 17	cap.....	40
Feb. 13	suit.....	4 25
	James Leonard, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 13	2 wool shirts @ \$1.00.....	2 00
	Louisa Laitner, board from January 1 to March 31, 90 days.....	\$1 95
Feb. 1	2 pair hose @ 25c.....	50
8	2 dresses @ \$1.50.....	3 00
	Rudolph Michaels, board from January 1 to March 31, 90 days.....	\$1 95
11	2 shirts.....	80
	Joseph Moritz, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 27	pair pants.....	1 75
	Carl Macham, board from January 1 to March 31, 90 days.....	\$1 95
15	suit.....	6 00
	Martin McCarthy, board from January 1 to March 31, 90 days.....	\$1 95
Mar. 15	2 pair hose.....	80
	pair pants.....	1 75
	Joseph Negri, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 26	pair pants.....	2 25
Feb. 2	" overalls.....	60
	Dennis Norman, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 9	suit.....	6 00
Feb. 9	pair mitts.....	40
	Horace Phelps, board from January 1 to March 31, 90 days.....	\$1 95
13	suit.....	4 25
	John Petrivitz, board from January 1 to March 31, 90 days.....	\$1 95
8	pair shoes.....	1 25
	Herman Relicker, board from January 1 to March 31, 90 days.....	\$1 95
	Augusta Benke, " " " 1 " " 31, 90 ".....	\$1 95
	Fred Rodr, " " " 1 " " 31, 90 ".....	\$1 95
Jan. 17	cap.....	40
Feb. 13	pair overalls.....	60
Mar. 7	2 aprons.....	1 20
	pair shoes, \$1.25; pair pants, \$1.30.....	3 05
16	John F. Roemer, board from January 1 to March 31, 90 days.....	\$1 95
	pair cloth suspenders.....	10
7	Alice C. Smith, board from January 1 to January 8, 8 days.....	1 07
Jan. 2	pair shoes.....	1 50
	Mary Schalley, board from January 1 to February 20, 51 days.....	18 11
	Mary Smock, " " " 1 " " 31, 90 ".....	\$1 95
	Clifton Smith, " " " 1 " " 31, 90 ".....	\$1 95
9	suit.....	6 00
Mar. 15	2 pair hose @ 25c.....	50
	John Sutton, board from January 1 to March 31, 90 days.....	\$1 95
Jan. 2	2 wool undershirts.....	1 20
Feb. 11	2 shirts.....	80
23	pair suspenders.....	20
Mar. 15	2 pair hose.....	50
	John Wilson, board from January 1 to March 31, 90 days.....	\$1 95
16	suit.....	5 00
	Catherine Walling, board from January 1 to March 31, 90 days.....	\$1 95
	Mary Walters, " " " 1 " " 31, 90 ".....	\$1 95
	Margaret White, " " " 1 " " 31, 90 ".....	\$1 95
	Nathan Williams, " " " 1 " " 32, 90 ".....	\$1 95
Mar. 2	2 pair hose.....	30
7	pair cloth suspenders.....	10
	Amount carried forward	\$12,571 80

ANNUAL REPORT OF THE

Wayne County Insane Asylum vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$12,571 80
	Wayne County Insane Asylum,	
	For maintenance, clothing, etc., as follows:	
Jan. 9	August Walters, board from January 1, to March 31, 90 days	\$1 95
	suit	6 00
	Total for general allowance	\$12,579 25
	RECAPITULATION.	
	Total allowance for Wayne County Insane Asylum	\$12,579 25

Geological Survey vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed December 29, 1892.</i>	
	Robert Smith & Co.,	
	For composition on 1,200 copies of geological survey from page 1 to 34, 152,387	
	ems @ 27c	\$41 30
	presswork, 40 tokens @ 15c	6 00
	alteration on copies as follows, viz., galleys 1 to 12, 2¼ hours; galleys 13 to	
	19, 11¼ hours; galleys 20 to 33, 5¼ hours; 19¼ hours @ 30c	5 85
	Total for printing	\$53 15
	RECAPITULATION.	
	Total allowance for Geological Survey	\$53 15

Board of Control of State Swamp Lands vs. The State of Michigan.

GENERAL ALLOWANCE.

Date,	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 27	Ed. R. Havens, For expense examining Arenac, Iosco and Ogemaw State road, railroad fare, Lansing to Whitmore.....	34 00
	dinner, Owosso, 50c; supper at Bay City, 50c.....	1 00
28	hotel at Whitmore.....	75
29	fare, Whitmore to Lansing.....	4 00
	hotel at Bay City.....	1 00
	salary as clerk of Board of Control of State Swamp Lands.....	50 00
	<i>Allowed June 28, 1898.</i>	
June 30	Ed. R. Havens, For salary as secretary of the Board of Control of State Swamp Lands from April 1, 1898, to June 30, 1898, inclusive.....	50 00
	Total for general allowance.....	<u>\$110 75</u>
	RECAPITULATION.	
	Total allowance for Board of Control of State Swamp Lands.....	<u>\$110 75</u>

Board of Review of Telephones and Telegraphs vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount!
	<i>Allowed June 28, 1898.</i>	
June 9	Stanley W. Turner,	
	For 4 days examining telephones and telegraphs	\$12 00
	fare to Detroit and return and parlor car	5 10
	carriage, \$2.50; hotel, \$12.00; street car, 10c	14 40
8	fare to Battle Creek and return	1 80
	examining telephones and telegraphs	9 00
20	hotel, \$7.50; hack, 50c; carriage, \$1.75	9 75
	fare to Detroit and return, parlor car	5 10
	6 days examining telephones and telegraphs	18 00
	6 " hotel, \$18.00; carriage, \$2.75	20 75
	Total for general allowance	\$96 10
	RECAPITULATION.	
	Total allowance for Board of Review of Telephones and Telegraphs	\$96 10

Electoral College vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 9	Miss Carrie Faussett, For taking record of proceedings of Electoral College and making type written certificates of votes cast by said Electoral College for president and vice president of the United States.....	\$5 00
	Total for general allowance.....	\$5 00
	RECAPITULATION.	
	Total allowance for Electoral College.....	\$5 00

State Board of Pardons vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 7	Howard Hovey, For expenses as clerk of Pardon Board: railroad fare Lansing to Ionia and return street car, 50c; supper, 40c.....	\$2 05 45
	<i>Allowed August 31, 1892.</i>	
30	Howard Hovey, For expenses as secretary of Pardon Board: railroad fare to Detroit..... street car..... dinner..... railroad Detroit to Lansing..... hack fare.....	2 55 10 1 00 2 55 50
	<i>Allowed October 26, 1892.</i>	
Aug. 30	Howard Hovey, For expenses as clerk of the Board of Pardons: railroad fare Lansing to Detroit..... hotel, \$3.00; street car, 10c..... railroad fare Detroit to Lansing.....	2 55 3 10 2 55
Sept. 12	" Lansing to Jackson and return..... hack, 50c; supper, 40c; street car, 50c.....	2 00 95
	<i>Allowed November 29, 1892.</i>	
Oct. 12-13	Howard Hovey, For expenses as clerk of Pardon Board: hack, 25c; railroad Lansing to Detroit, \$2.55..... hotel, \$6.75; bus, 25c..... railroad Detroit to Lansing..... hack.....	2 80 7 00 2 55 25
Nov. 11	railroad fare Lansing to Ionia and return..... hack.....	2 05 25
	<i>Allowed December 28, 1892.</i>	
Dec. 10-20	Howard Hovey, For expenses as clerk of Pardon Board: hack, 25c; railroad fare Lansing to Detroit, \$2.55..... hotel, \$3.25; street car, 10c..... railroad fare Detroit to Lansing.....	2 80 5 85 2 55
	<i>Allowed January 25, 1893.</i>	
Jan. 24	State Board of Pardons, For postage for month of January, 1893.....	5 00
	<i>Allowed February 23, 1893.</i>	
Feb. 6	J. H. Cole, For expenses as clerk of Board of Pardons: railroad fare Lansing to Jackson and return..... hack..... parlor car..... hotel bill..... hack..... railroad fare Lansing to Detroit and return.....	2 00 50 50 3 00 50 4 00
	<i>Allowed May 31, 1893.</i>	
May 9	J. H. Cole, For meals at Lansing..... fare Lansing to Jackson and return..... hack, 50c; street car, 10c..... supper at Durand, 50c; parlor car, 25c..... fare Lansing to Detroit..... hack at Detroit..... hotel bill..... hack at Detroit..... fare Detroit to Lansing..... parlor car, 25c; hack Lansing, 25c.....	1 00 2 00 60 75 2 70 50 5 75 50 2 55 50
	Total for general allowance.....	\$78 90

ANNUAL REPORT OF THE

State Board of Pardons vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 16	Robert Smith & Co.,	
	For 1,000 memo. letter heads, sam. 50	\$0 90
	paper for same	1 00
	1,000 envelopes	1 50
	printing on same	40
	<i>Allowed February 23, 1898.</i>	
26	Robert Smith & Co.,	
	For 1,000 notices of application for pardon, sam. 14	1 35
	Total for printing	\$7 15
	BINDING.	
	<i>Allowed February 23, 1898.</i>	
Jan. 31	Robert Smith & Co.,	
	For 600 covers biennial report, sam. 21	\$1 45
	Total for binding	\$1 45
	RECAPITULATION.	
	General allowance	\$78 90
	Printing	7 15
	Binding	1 45
	Total allowance for State Board of Pardons	\$87 50

State Board of Control vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
Feb. 14	Robert Smith & Co., For composition on 4,800 copies of report from page 1 to 58, 846,584 ems @ 27c..	\$228 53
	presswork, 440 tokens @ 15c.....	66 00
	37 illustrations, School for Blind.....	3 50
	alteration on copy as follows, viz., galleys 1 to 11, 4½ hours; appendix 1 to 4, 2 hours; galleys 1 to 6, 2½ hours; 9 hours @ 30c.....	2 70
	<i>Allowed May 31, 1898.</i>	
Apr. 26	Robert Smith & Co., For paper and printing 2,700 illustrations for report of Michigan State Public School @ \$4.50 per M.....	12 37
	paper and printing 2,700 illustrations for report of School for Deaf @ \$4.50 per M.....	12 37
	Total for printing.....	\$235 52
	BINDING.	
	<i>Allowed May 31, 1898.</i>	
Mar. 3	Robert Smith & Co., For binding with covers 2,550 reports, sam. 12.....	\$11 98
	extra folding of 2,550 each of table for the deaf, School for the blind, print for the blind, sam. 16.....	2 81
	pasting 2,550 each as follows in said report, table for the deaf, School for the Blind, Coldwater Public School, print letters for the Blind, School for the Deaf at Flint, pay roll of officers, sam. 54.....	15 20
7	binding 150 reports, cloth, sam. 4.....	15 00
	extra folding 300 tables, deaf and blind, sam. 16.....	09
	pasting in 300 same, sam. 54.....	30
	" " 300 plates, State Public School, sam. 54.....	30
	" " 300 specimen print, blind, sam. 54.....	30
	folding 300 same, sam. 16.....	09
	pasting 300 plates School for Deaf, sam. 54.....	30
	300 pay roll of officers, sam. 54.....	30
	Total for binding.....	\$46 27
	RECAPITULATION.	
	Printing.....	\$285 52
	Binding.....	46 27
	Total allowance for State Board of control.....	\$371 79

State Board of Canvassers vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 23, 1892.</i>	
	Western Union Telegraph Company, For messages from Nov. 19 to Dec. 21, inclusive	\$4 98
	<i>Allowed February 23, 1893.</i>	
Feb. 13-14	John W. Jochim, as member of the State Board of Canvassers, For railroad fare and sleeper, Ishpeming to Lansing and return	85 00
	hotel bill two days	10 00
	J. F. Hambitzer, as member of the State Board of Canvassers, For railroad fare from Hancock to Lansing and return	39 50
	hotel bill two days	10 00
	John G. Berry, as member of the State Board of Canvassers, For railroad fare from Vanderbilt to Lansing and return	12 24
	hotel 2 days	10 00
	Frazer & Gordon, For services rendered before the Michigan Supreme Court in the mandamus proceedings wherein Chas. E. Balknap was relator and the State Board of Canvassers was respondent	15 00
	<i>Allowed April 26, 1893.</i>	
	John G. Berry, For railroad fare from Vanderbilt to Lansing and return, to attend meeting Board of State Canvassers	12 24
	hotel bill 4 days	10 00
	John W. Jochim, For railroad fare, sleeper and meals to and from Lansing via Chicago to attend meeting of Board of Canvassers and extra \$3.40	41 46
	4 days' hotel bill	10 00
	J. F. Hambitzer, For railroad fare to and from Lansing to attend meeting of Board of Canvassers	39 50
	4 days' hotel bill	10 00
	Marcus Petersen, For telegrams and other expenses Board of Canvassers	2 40
	express	50
	<i>Allowed May 31, 1893.</i>	
Apr. 23	I. N. Jackson, For expenses to Charlotte for Board of State Canvassers: Fare round trip	74
	hotel bill	1 50
	hack fare at Charlotte	50
	car fare Lansing	10
May 5	Ed. R. Havens, For expenses incurred under the direction of the Board of State Canvassers:	
	street car, 5c; railroad Lansing to Owosso, 80c	85
	dinner Owosso, 50c; fare Owosso to Corunna, 10c	60
	bus Corunna, 25c; supper at Corunna, 50c	75
	" Pontiac, 25c; (6) Hotel Pontiac, \$1.00	1 25
	fare Corunna to Pontiac	1 50
	" Pontiac to Durand, \$1.25; dinner, 50c	1 75
	" Durand to Lansing, 85c; street car Lansing, 5c	70
9	street car, 5c; railroad Lansing to Charlotte, 70c	43
	bus at Charlotte, 25c; railroad Charlotte to Hastings, 55c	1 10
	dinner at Hastings, 50c; bus at Hastings, 25c	75
	fare Hastings to Woodbury	45
	supper at Woodbury	35
	fare Woodbury to Lansing	85
	street car	05
16	John W. Jochim, For fare Ishpeming to Lansing and return, to attend meeting of Board of State Canvassers	85 00
	hotel bill 4 days	10 00
	J. F. Hambitzer, For fare Hancock to Lansing and return, to attend meeting Board of State Canvassers	39 50
	hotel bill 4 days	10 00
	Amount carried forward	\$371 87

BOARD OF STATE AUDITORS.

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State Board of Canvassers vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
May 16	Amount brought forward.....	\$371 37
	John G. Berry,	
	For fare from Vanderbilt to Lansing and return, meeting Board of State Can-	
	vassers.....	12 24
	hotel bill 4 days.....	10 00
Apr. 26	fare from Vanderbilt to Lansing and return, meeting Board of State Can-	
	vassers and Auditors.....	12 24
	hotel bill 6 days.....	15 00
	Total for general allowance.....	\$420 85
	PRINTING.	
	<i>Allowed March 29, 1898.</i>	
Feb. 20	Darius D. Thorp,	
	For printing 500 elipse election returns for 5th Rep. Dist.	\$3 00
	publishing 7½ folios 5 times.....	15 70
	Total for printing.....	\$18 70
	RECAPITULATION.	
	General allowance.....	\$420 85
	Printing.....	18 70
	Total allowance for State Board of Canvassers.....	\$439 55

Board of Highway Commissioners vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	S. B. McCracken.	
	For transportation, railroad and street car fare Detroit to Saginaw and return...	36 10
	services as secretary, charging 40 days from Sept. 21 to date, @ \$3.00	120 00
	transportation, Lansing and return	4 80
	hotel 4 days @ \$3.00; postage \$6.00	14 00
	printing, Raynor & Taylor	19 00
Sept. 21 to 23	Jas. H. Kinnans.	
Nov. 23	For railroad and back fare, Kalamazoo to Saginaw and return	11 25
	hotel expenses, ¼ day at Detroit, getting data upon question of using con- tract labor, and ¼ day at Jackson, for same purpose	2 50
	railroad fare to Detroit via Jackson and return to Kalamazoo	7 70
	1,000 envelopes and 500 letter heads	6 50
Sept. 1 to Nov. 30	postage	2 05
Dec. 1	railroad fare, Kalamazoo to Lansing and return	4 10
Sept. 23	hotel expenses at Lansing	3 00
	R. Goodrich.	
	For railroad fare, Traverse City to Saginaw and return	11 25
	expense to Bay City to examine stone road	3 00
	incidental expense with hotel at Grand Rapids	2 00
	postage and telegram	5 00
Dec. 2	railroad fare to Traverse City and return	12 40
	hotel bills	6 50
	incidental	50
Sept. 26	W. L. Webber.	
	For telegrams, \$1.25; stamps, \$5.00	6 25
	hotel expense of commissioner at Saginaw	19 25
	printing and stationery, Seemann & Peters	14 25
	expense, meeting of commissioners at Lansing	4 45
<i>Allowed April 26, 1893.</i>		
Apr. 1	R. Goodrich.	
	For expenses as member of board of highway commissioners, under the pro- vision of concurrent resolution No. 1, session 1892:	
	printing bill of D. D. Thorp	31 50
Mar. 27	stamped envelopes and postoffice stamps	22 50
	telegrams to date	5 62
	railroad, Traverse City to Lansing and return	11 10
	hotel bills on trip and at Lansing	10 22
	bus and street car	2 60
	railroad fare to Detroit and return to Lansing	5 00
	" " " to East Saginaw and return to Detroit	5 80
	dinner at Saginaw	50
	bill, Detroit, Russell House	2 25
	" " Cadillac Hotel	9 00
Apr. 18	railroad fare to Traverse City and return to Lansing	11 10
	hotel	3 00
	" Hudson House	4 00
	bus and street car	53
	dinner at White Cloud	1 00
	chair car and incidental expenses	1 35
<i>Allowed May 31, 1893.</i>		
Apr. 25	Henben Goodrich.	
	For expenses as member of the Board of State highway commission under the provisions of concurrent resolution No. 1, special session of 1892:	
	printing highway amendments and circulars at job office in Detroit	3 00
May 21	Fred Carlisle, bill, services and expenses in Detroit at April election	27 00
10-11	printing amendments and slips to highway bill by Darius D. Thorp	6 00
11	H. B. Pratt, bill, labor preparing bill	4 20
20	G. H. Green, " " " "	7 00
	paid for copying amendments	2 00
11	" " " "	1 50
20	R. Goodrich, hotel bills at Hudson House	14 75
	" " " "	6 10
	Amount carried forward	\$484 09

BOARD OF STATE AUDITORS.

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Board of Highway Commissioners vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
May 20	Amount brought forward	\$484 09
	Reuben Goodrich,	
	For four meals at White Cloud	2 00
	six bills over night at Martin House	5 70
	trip from Lansing to Ewart, Saginaw and return to Lansing, and hotel bills	5 05
	postage stamps and envelopes	1 55
	Total for general allowance	\$499 30
	RECAPITULATION.	
	Total allowance for Board of Highway Commissioners	\$499 30

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Pay roll, engineer:	
	Hugh Guy, engineer, 1 mo.	\$118 23
	L. E. Baker, assistant engineer, 1 mo.	91 68
	John Burns, night watch, 31 days, @ \$2.25	69 75
	John Manning, night watch, 31 days, @ \$2.25	69 75
	Geo. Longstreet, day watch, 31 days, @ \$2.00	62 00
	I. H. Sanford, day watch, 31 days, @ \$2.00	62 00
	James Conway, fireman, 31 days, @ \$2.00	62 00
	Stephen Smith, fireman, 1 mo.	50 00
	Eddie Richards, elevator, 26 days, @ \$2.00	52 00
	E. S. Humphrey, painter, 26 " " \$2.50	65 00
	William Ellis, carpenter, 26 " " \$2.50	65 00
	Thomas Earley, stone cutter, 26 " " \$2.25	58 50
	Carl Vogel, laborer, 26 " " \$1.75	45 50
	James Conley, " 26 " " \$1.75	45 50
	Joe. Reonfus, " 26 " " \$1.75	45 50
	James Simmons, " 26 " " \$1.75	45 50
	David S. Bennett, " 26 " " \$1.75	45 50
	Bob't Rosenburg, " 15 " " \$1.50	22 50
	Joe. Mirmoraki, " 15 " " \$1.50	22 50
	Joe. Lehman, " 26 " " \$1.50	39 00
	Jacob Scheon, " 26 " " \$1.75	45 50
	Thos. Lyons, " 26 " " \$1.50	39 00
	Vern Quackenbush, " 26 " " \$1.50	39 00
	James Burns, " 26 " " \$1.50	39 00
	Mrs. Sanford, janitress, 26 " " \$1.75	45 50
	Mrs. Coops, " 26 " " \$1.75	45 50
	Emil Fischer, janitor, 26 days, @ \$2.25	58 50
	U. H. Lazelle, " 1 mo.	60 00
	Lave S. Lee, " 31 days, @ \$2.00	62 00
	Chas. B. Watson, " 31 " " \$2.00	62 00
	Fred S. Green, " 1 mo.	60 00
	James Salepaugh, " 1 " "	60 00
	W. C. Durkee, " 1 " "	60 00
	E. E. Austin, " 1 " "	60 00
	Fred L. Montague, " 1 " "	60 00
	M. W. Quackenbush, janitor, 1 mo.	60 00
	Theo. J. George, " 1 " "	60 00
	George M. Kilmer, " 1 " "	60 00
July 27	Susan Shaft, For washing 344 pieces at 4c	13 76
	Geo. W. Johnson, For improving State property, city of Lansing, J. R. 22, 1889, Block 125: grading State property 26 days @ \$1.50	39 00
	Jay Tuck, For improving State property, city of Lansing, J. R. 22, 1889, Block 125: grading State property 26 days @ \$1.50	39 00
	Michael Malloy, For improving State property, city of Lansing, J. R. 22, 1889, Block 125: grading State property 26 days @ \$1.75	45 50
	James Conley, For mowing lawn 7 days (one horse) @ \$1.00	7 00
25	Charlie Vogel, For repairing straps on lawn mower	1 00
16	Mich. Supply Co., For 12 La Bastie Chimneys @ 20c	2 40
	Lansing Electric Light Co., For one Thompson-Houston lightning arrester complete in place	15 00
	four arc lamps at capitol entrances during 2d quarter 1892, April 15-July 15, 4 lamps 1 quarter @ \$100 per year each	100 00
	incandescent light, supplied from June 15 to July 15, 1892, 152,000 Watts, 20c per M	30 40
	Lansing Gas Light Co., For gas supplied during the month of July, 1892: Capitol, 92,200; old office building, 1,700; 93,900 @ \$1.50 per M	140 85
Mar. 8	Chas. M. Norton, For Yale lock	1 00
	Amount carried forward	22,580 40

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$2,580 40
May 13	P. F. Olds & Son	
	For 2 hours making bolt for lawn mower	80
June 30	Capitol Lumber Co.,	
	For 4 2x8x16 oak B. & D. 1½x2½ @ \$35.00	2 98
July 19	Lansing Lumber Co.,	
	For 56 ¼x10x1-6, walnut; 4 ¾x8x¼, walnut, core edge; 4 ¾x8x¾, walnut, mould edge; 1 tap 22x29 mould ¾ edge; 20 1½ mould, 4, walnut; 12 ft. 1½ mould, walnut; 12 ft. ¾ mould, walnut; 12 ft. B mould, walnut; 2 2x4½x2-1, maple; 1 standard, maple	15 59
22	48 feet cap. 4	1 92
	48 feet cove. 1½	72
	300 feet No. 3 ceiling, @ \$30.00	9 00
	U. H. Forester,	
	For 3½ bolts paper, @ 25c	88
	11 yards border, @ 2c	22
	10 " " @ 2c	20
June 16	M. J. & B. M. Buck,	
	For 1 piece Windsor cloth	2 05
	leather binding	75
July 5	Burnham & Co.,	
	For 3 yards 10 oz. duck, @ 17c	51
1891	Wells & Clear,	
Nov. 2	For 897 1,610-2,000 tons coal delivered at \$5.14	\$4,614 71
1892		
July 1	By cash paid	3,280 00
		1,324 71
	For 708 tons coal stored for State at \$4.75	3,339 25
May 27	J. Stahl,	
	For 25 lbs. white lead	1 75
	1 gal B. oil	50
	2 brushes, 35-15	50
28	1 keg wire nails	1 50
June 1	1-8 inch file, 15c, 1-10 inch file, @ 20c	25
2	1 gal. turpentine	50
	¼ gal. wood filler	1 25
	1 brush	1 00
	2 lbs. burnt umber	50
	2 lbs dry umber	25
6	1 scythe and stone	85
	25 lbs. white lead	1 75
8	1 gal B. oil	50
	1 lb. green paint	25
	25 lbs. white lead	1 75
	1 gal. B. oil	50
14	2 pair brass butts	10
15	25 lbs. white lead	1 75
	1 gal. B. oil	50
24	2 pair brass butts	25
	1 lock	75
July 1	1 doz. blank keys	1 50
	2 sack needles	10
	5 lbs. best glue	1 50
	6 lbs. wire brads	35
25	1 twist ¼ drill	50
26	3 pair 3x3 wrought butts	21
	1 gross 1x8 screws	25
7	H. D. Luce,	
	For 10 lbs. coppers	1 00
21	Gordon & Black,	
	For contract awarded as per resolution of Board of Auditors on June 29, 1892; the same being for four font wash out closets in old State building	230 00
	50 feet ¾ Boston hose	9 00
	1 pair ¾ hose couplings	25
	1 pair 1 hose couplings	35
	1 1 inch red all	12
	1 ¾ hose nipple	30
June 17	T. H. Sedina,	
	For 1 suit for Longstreet	30 00
	1 " " Sanford	30 00
July 2	Chicago & Grand Trunk R'y,	
	For freight	25
	Amount carried forward	\$7,662 67

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
Aug. 30	Amount brought forward	\$10,058 10
	James Conley,	
	For mowing lawn, 5½ days, 1 horse, @ \$1.00	5 50
	Susan Shaft,	
	For washing 443 pieces, @ 4c	17 72
	Lansing Iron & Engine Works,	
	For 3 hours, fitting up cast iron nut for pattern, @ 50c	1 50
	12 lbs. mach. steel for screw, @ 5c	65
	8 hours, lathe, cutting screw, @ 50c	4 00
	27 lbs. cast iron nuts, @ 3c	81
	4 lbs. genuine babbitt, @ 30c	1 20
10	9 hours, babbitting and easing off nuts, @ 50c	4 50
	18 lbs. castings, @ 3¼c	63
	¼ hour, drilling and grinding	25
	Lansing Gas Light Co.,	
	For gas supplied during August:	
	capitol building	115,300
	old office building	1,900
	117,100 ft., @ \$1.50	175 65
	Lansing Electric Light & Power Co.,	
	For incandescent light supplied in senate, house of representatives, supreme	
	court and corridors, during month ending August 15, 246,000 watts, @ 20c	
	per M.	49 20
July 27	Michigan Supply Co.,	
	For 12 balls Asbestos wicking @ 15c	1 80
Aug. 17	50 feet extra G. C. mohair elevator tubing @ 35c	17 50
	Lansing Water Board,	
	For water supplied at capitol building for quarter ending June 30, 1892.	437 50
8	P. L. Daniels,	
	For 6 feather dusters No. 18 @ \$1.00	6 00
	¼ dozen combs @ \$1.00	50
	¼ " hair brushes @ \$9.00	4 50
	¼ " chamols @ \$15.00	4 50
	¼ " @ \$10.80	2 70
	¼ " whisk brooms @ \$3.40	60
	¼ " @ \$3.00	75
	N. F. Jenison,	
	For 12 towels @ 20c	2 40
4	H. H. Larned,	
	For 6 ft. 6 in. pipe @ 13c	1 08
	3 " 6 " @ 12c	24
	1 " 6 " curve	44
5	2 " 6 " pipe	24
18	1 dozen glasses	90
23	6 tumblers	37
July 29	P. E. Lacy & Co.,	
	For 1 barrel lime	70
	80 lbs cement	30
Aug. 23	Burnham & Co.,	
	For 4 yards matting @ 50c	2 00
8	National Union Co.,	
	For 1 dozen towels	3 00
11	National Express Co.,	
	For express received	30
	E. B. Stillman,	
	For 45 ft. ½ in. heavy tubing	5 40
	<i>Allowed September 28, 1892.</i>	
	Pay roll:	
	Hugh Guy, engineer, 1 month	118 33
	L. E. Baker, asst. engineer, 1 month	91 65
	I. H. Sanford, day watch, 30 days, @ \$2.25	67 50
	Geo. Longstreet, " " @ 32.00	60 00
	John Burns, night " " @ 32.25	67 50
	Eugene Scott, " " @ 32.00	60 00
	James Conway, fireman, " " @ 32.00	60 00
	Stephen Smith, " 1 month	50 00
	Rddie Richards, elevator, 26 days @ 32.00	52 00
	E. S. Humphrey, painter, " @ 32.50	65 00
	William Ellis, carpenter, " @ 32.50	65 00
	Thomas Early, mason, " @ 32.25	84 50
	Emil Fischer, janitor, " @ 32.25	58 50
	U. H. Laxelle, " 1 month	60 00
	Amount carried forward	\$11,783 52

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Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	Amount brought forward	\$11,788 52
	Pay roll:	
	Lave S. Lee, janitor, 30 days @ \$2.00	60 00
	Chas. B. Watson, " 1 " \$2.00	20 00
	Fred S. Green, " 1 month	60 00
	James Salspangh, " 1 " "	60 00
	W. C. Durkee, " 1 " "	60 00
	E. E. Austin, " 1 " "	60 00
	Fred L. Montague, " 1 " "	60 00
	M. W. Quackenbush, " 1 " "	60 00
	William B. Cushing, " 1 " "	60 00
	Geo. M. Kilmer, " 1 " "	60 00
	Frankie Sanford, janitress, 25 days, @ \$1.75	43 75
	Mary Coops, " " "	43 75
	Carl Vogel, laborer, " " "	43 75
	Jacob Scheon, " " "	43 75
	James Conley, " " "	43 75
	Joseph Reodier, " " "	43 75
	James Simmons, " " "	43 75
	David S. Bennett, " " "	43 75
	Jos. Lehman, " " "	39 00
	Thos. Lyons, " " "	39 00
	John H. Farrell, " 4 days, @ \$1.75	7 00
	Henry Mott, " 15 " \$1.50	22 50
	James Burns, " 25 " \$1.50	39 00
Sept. 30	Geo. W. Johnson, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79: 25 days @ \$1.50	38 00
	Jay Tuck, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79: 25 days @ \$1.50	38 00
	Michael Maloy, For improving State property, city of Lansing, J. R. 22, 1889, block 78 and 79, 26 days @ \$1.75	45 50
	James Conley, For mowing lawn, 4 1/4 days (1 horse) @ \$1.00	4 50
28	Susan Shaft, For washing 329 pieces @ 4c	12 16
20	Reform School, For caning 13 seats @ 60c	7 80
	" 1 seat	55
	" 1 back	65
	repairing 1 chair	50
Aug. 29	Lansing Iron and Engine Works, For 59 lbs sheet iron @ 3 1/4c	1 37
	1 hour on shears	40
	Lansing Gas Light Co., For gas supplied during month of Sept., 1892— capital building, 116,000	
	old office " 2,100	
	118,100 @ \$1.50 per M ft.	177 15
	Lansing Electric Light and Power Co., For electric light supplied in Senate, House of Representatives, Supreme Court and corridors from Aug. 15 to Sept. 15, 142,000 watts @ 20c per M	28 40
June 30	C. Alsdorf & Son, For 7 sponges	90
July 6	10 lbs plastic	80
7	2 gals. boiled oil	1 00
	1 gal. Japan	1 00
	1 lb U. M. blue	25
	1 gal. turpentine	50
12	5 lbs plastic	40
13	10 " "	80
14	6 " whiting	24
26	1 gal. turpentine	50
	25 lbs white lead	1 75
Aug. 8	2 gals. kerosene	30
	10 lbs plastic	80
11	10 " "	80
12	2 gals. kerosene	30
13	2 " "	20
22	1 1/4 doz. toilet soap	1 05
	Amount carried forward	\$12,363 29

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$12,263 39
Aug. 10	Lansing Lumber Co.,	
11	For 9 pieces 23 ft. $\frac{3}{4}$ x 3 2-6 walnut, core edge, @ 3c	69
22	930 ft. 14 in. box	16 15
31	lumber	1 13
	Capital Lumber Co.,	
Sept. 5	For 5 $1\frac{1}{4}$ x $3\frac{3}{4}$ 18 Nor. S. W., @ \$16.00	96
Apr. 30	500 ft. 1x7 box lumber, @ \$17.00	8 50
	P. L. Daniels,	
May 4	For 1 hand mirror	75
June 18	6 sponges, @ 15c	90
	2 sponges, @ 50c	1 00
July 1	1 sponge	40
	1 med. drop	15
	8 oz. Bermuda sponges @ 25c	2 00
	4 " Veloma " 15c	60
	2 No. 18 feather dusters	2 00
	3 hair brushes, @ 75c	2 25
	$\frac{1}{4}$ doz. combs, @ \$1.00	50
July 14	James Fleming,	
	For repairs on roof and gutters of old State building and Capitol building:	
15	4 hours' time on roof, @ 30c	1 20
16	10 " " " man and helper, @ 50c	5 00
19	8 " " " " " " " " 50c	4 00
22	10 " " " " " " " " 50c	5 00
23	10 " " " " " " " " 50c	5 00
25	9 " " " " " " " " 50c	4 50
26	10 " " " " " " " " 50c	5 00
27	10 " " " " " " " " 50c	5 00
28	10 " " " " " " " " 50c	5 00
29	8 " " " " " " " " 50c	4 00
30	8 " " " " " " " " 50c	4 00
Aug. 1	2 " " " " " " " " 50c	1 00
2	10 " " " " " " " " 50c	5 00
3	6 ft. 6 in. galv. pipe, @ 30c	1 80
5	7 " 6 " " " " " " " 50c	3 50
6	5 " 6 " " " " " " " 50c	2 50
15	10 hours' time, one man, @ 30c	3 00
22	10 " " " " " " " " 30c	3 00
28	10 " " " " " " " " 30c	3 00
27	8 " " " " " " " " 30c	90
Sept. 15	7 " repairing trough, @ 50c	3 50
	45 lbs solder @ 25c	11 25
	15 $\frac{1}{4}$ lbs. cement @ 10c	1 55
Aug. 30	U. S. Express Co.,	
Sept. 13	For express from Detroit	80
	Silver Lead Paint Co.,	
	For 100 lbs graphite	12 00
	Detroit Graphite Mfg Co.,	
	For 25 lbs graphite grease	1 25
	Detroit Soap Co.,	
	For 1 bbl. soap chips	11 05
	1 gross Queen Anne soap	8 00
	Detroit Electrical Works,	
	For 48 Leclanche zincs @ 4c	1 92
	C. Long & Co.,	
	For 1 case banded W. C. paper	7 50
	1 " Economy paper	12 00
	<i>Allowed October 26, 1892.</i>	
	Pay roll, engineers, mechanics, etc.:	
	Hugh Gay, engineer, 1 mo.	118 83
	L. E. Baker, assistant engineer, 1 mo.	91 68
	I. H. Sanford, day watch, 31 days, @ \$3.25	69 75
	Geo. Longstreet, " 31 " 2.00	62 00
	John Burns, night watch, 31 " 3.25	69 75
	Engene Scott, " 31 " 2.00	62 00
	James Conway, fireman, 31 " 2.00	62 00
	Stephen Smith, " 1 mo.	50 00
	Eddie Richards, elevator, 26 days, @ \$3.00	52 00
	E. S. Humphrey, painter, 26 " 2.50	65 00
	William Ellis, carpenter, 26 " 2.50	65 00
	Amount carried forward	\$14,315 49

ANNUAL REPORT OF THE

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	Allowed October 26, 1892.	
	Amount brought forward	\$14,215 49
	Pay roll:	
	Thos. Earley, mason, 26 days @ \$3.25	84 50
	Emil Fischer, janitor, 26 " 2.25	58 50
	Lave S. Lee, " 31 " 2.00	62 00
	Chas. B. Watson, " 31 " 2.00	62 00
	U. H. Laselle, " 1 mo.	60 00
	Fred S. Green, " 1 "	60 00
	James Salspaugh, " 1 "	60 00
	W. C. Durkee, " 1 "	60 00
	E. E. Austin, " 1 "	60 00
	Fred L. Montague, " 1 "	60 00
	M. W. Quackenbush, " 1 "	60 00
	Wm. B. Cushing, " 1 "	60 00
	Geo. M. Kilmer, " 1 "	60 00
	Mrs. Franc Sanford, janitress, 26 days, @ \$1.75	45 50
	" Mary Coope, " 26 " 1.75	45 50
	Carl Vogel, laborer, 26 days, @ \$1.75	45 50
	Jacob Scheon, " 26 " 1.75	45 50
	James Conley, " 26 " 1.75	45 50
	Joseph Seuffer, " 26 " 1.75	45 50
	James Simmons, " 26 " 1.75	45 50
	David S. Bennett, " 26 " 1.75	45 50
	Henry Motte, " 26 " 1.50	39 00
	Thos. Lyons, " 26 " 1.50	39 00
	Thos. Boller, " 26 " 1.50	39 00
	James Burns, " 26 " 1.50	39 00
Oct. 26	Thomas Boyd, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 26 days @ \$1.50	39 00
	Phillander Christian, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 7 days @ \$1.50	10 50
	Michael Christ, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78-79, furnishing 50 trees @ 25c	12 50
	Geo. Hayland, For improving State property, city of Lansing, J. R. 23, 1890, block 78 and 79, 7 days @ \$1.50	10 50
	Charles J. Pope, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 7 days @ \$1.50	10 50
	Jay Tuck, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 26 days @ \$1.50	39 00
	John Whitney, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 11 days @ \$1.50	16 50
	C. A. Handy, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 11 days @ \$1.50	16 50
	Joseph Lehman, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 26 days @ \$1.50	39 00
	Michael Maloy, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 26 days @ \$1.75	45 50
	Geo. W. Johnson, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 26 days @ \$1.50	39 00
	W. S. Barber, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 7 days @ \$1.50	10 50
26	James Conley, For hauling earth on State property: 7 days for horse, @ \$1.00	7 00
24	J. K. Humphrey, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 5 days, @ \$1.50	7 50
26	Patrick Boland, For improving State property, city of Lansing, J. R. 23, 1890, blocks 78 and 79, 7 days, @ \$1.50	10 50
	Amount carried forward	\$15,266 49

BOARD OF STATE AUDITORS.

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Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$15,856 49
Oct. 26	Susan Shaft, For washing 309 pieces, @ 4c.....	12 86
	Francis Sanford, For repairing flags for Capitol.....	3 00
	Charles Elliott, For hauling ashes from boiler room, team and two men, 2 days, @ \$4.00.....	8 00
	Lansing Gas Light Co., For gas supplied during month of Oct., 1892, Capitol building, 148,400 ft. @ \$1.50 per M.....	222 60
	Lansing Electric Light Co., For incandescent light supplied in corridors, Supreme Court, etc., from Sept. 15 to Oct. 15, 1892, 380,000 watts, @ 20c per M.....	86 00
	light supplied in four arc lamps at Capitol entrances during 3d quarter, July 15 to Oct. 15, 1892, @ \$100.00 each per year.....	100 00
10	Capitol Lumber Co., For 1,000 ft. 14 in. stock.....	18 00
Sept. 27	Lansing Lumber Co., For 300 ft. K. D. fine com. D 1/4 in., 1/2 in. @ \$40.00.....	12 00
Oct. 11	1 pc. 16 ft. 1/4-14 fine com. @ \$40.00; 1 pc. 12 ft. 1-10-14 @ \$40.00; 1 pc. 6 ft. 5-14 @ \$40.00; 1 pc. 16 ft. 12-16 @ \$40.00; 1 pc. 11 ft. 7-14 @ \$40.00; 1 pc. 8 ft. 6-16 @ \$40.00.....	2 76
24	24 ft. 1/4 round @ 1c.....	84
8	P. L. Daniels, For 7-12 No. 18 feather dusters @ \$10.00.....	5 84
	1 sponge.....	60
	1 ".....	40
24	Lansing Water Board, For water rate ending Sept. 30, 1892.....	487 50
Feb. 9	R. B. Shank & Co., For 3 packages corn starch @ 10c.....	30
	1 ".....	10
Oct. 12	Sabin & Creyta, For 1 D. A. spring hinge.....	2 68
15	Chas. M. Norton, For 1 Yale lock.....	1 75
Sept. 7	Gordon & Black, For 3 14 in. P. O. bowls @ \$1.25.....	3 75
28	6 copper pans for closet @ \$1.00.....	6 00
	8 valves " " @ \$2.00.....	6 00
29	4 N. P. pier self closing basin cocks @ \$2.50.....	10 00
July 19	C. E. Hanghawout, For 1 case Portland star matches.....	1 85
	3 floor brushes @ \$1.25.....	3 75
	3 " " @ \$1.50.....	4 50
Aug. 13	6 dozen parlor matches.....	60
Sept. 30	1 tub.....	68
Oct. 15	12 dozen packages of matches.....	1 00
18	1 box sapollo.....	3 00
	1 1/2 dozen shoe polish.....	50
24	3 pulp pails.....	1 35
26	Mead & Cowley, For 10 spools thread.....	40
	2 yards calico.....	11
Sept. 8	C. Alsdorf & Son, For 1 paint brush.....	25
	3/4 gal. turpentine.....	38
7	25 lbs white lead.....	1 75
	1 gal. boiled oil.....	50
	1/4 " alcohol.....	1 25
	1 lb umber, 25c; 5 lbs whitening, 15c.....	40
12	2 boxes axle grease.....	20
19	2 gal. boiled oil.....	1 00
26	2 " " ".....	1 00
29	2 " " ".....	1 00
	1 lb Ind. red.....	25
Oct. 4	1 gal. turpentine.....	50
	1 lb D black.....	25
22	2 gal. B. oil.....	1 10
	2 brushes.....	1 35
	25 lbs colors.....	1 50
	1 gal. turpentine.....	50
	25 lbs R. K. colors.....	1 50
	3 " colors in ls.....	75
	Amount carried forward	\$16,809 76

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$16,809 76
July 29	J. Stahl,	
	For 1 sash pulley.....	05
	1 light of glass 30x52 out.....	1 40
Aug. 1	2 drill bits.....	20
6	1 gross 1x7 R. N. screws.....	75
9	12 sheets sand paper.....	10
16	14 lbs putty.....	49
	25 " white lead.....	1 75
	2 files, 60c; 6 bolts, 8c.....	63
	1 strip sheet zinc.....	10
24	8 sheets tin, 14x20.....	30
26	4 1/4 lbs sheet iron.....	25
	2 paper tacks.....	10
	2 copper bottoms in pails.....	85
	2 lbs wrought nails.....	10
	1 keg 10d wire nails.....	2 45
	2 coil Petan wire.....	30
	tacks, 5c; 3 screw hooks, 5c.....	10
Oct. 1	3 lights of glass, D. A. A., 14x57.....	2 50
5	1 pair brass butts, 10c; (8) 1 pair brass butts, 8c.....	15
10	6 hooks.....	15
15	8 joint R pipe, \$3.20; 1 damper, 25c.....	3 45
22	1 flange on pipe, 10; 8 lbs putty, 25c.....	85
Sept. 22	2 paper tacks.....	10
	Michigan Bell Telephone Co.,	
	For message.....	25
	Telegraph and Telephone Construction Co.,	
	For rent of telephone from October 1, 1892, to January 1, 1893.....	10 00
	<i>Allowed November 29, 1892.</i>	
	Pay roll, engineer, 1 month.....	118 33
	Hugh Gray, " 1 ".....	91 08
	L. E. Baker, assistant " 1 ".....	67 50
	I. H. Sanford, day watch, 30 days, @ \$2.25.....	60 00
	Geo. Longstreet, " 30 " 2.00.....	67 50
	John Burns, night " 30 " 2.25.....	30 00
	Eugene Scott, " 15 " 2.00.....	30 00
	Joseph Reoffer, " 15 " 2.00.....	60 00
	James Conway, fireman, 30 " 2.00.....	50 00
	Stephen Smith, " 1 month.....	53 00
	Eddie Richards, elevator, 26 days, 2.00.....	45 00
	E. B. Humphrey, painter, 26 " 2.50.....	65 00
	William Ellis, carpenter, 26 " 2.50.....	84 00
	Thos. Earley, mason, 26 " 2.25.....	60 00
	Lave S. Lee, janitor, 30 " 2.00.....	60 00
	Chas. B. Watson, " 30 " 2.00.....	58 50
	Emil Fischer, " 26 " 2.25.....	60 00
	U. H. Lazelle, " 1 month.....	60 00
	Fred S. Green, " 1 ".....	60 00
	James Salspaugh, " 1 ".....	60 00
	W. C. Durkee, " 1 ".....	60 00
	E. E. Austin, " 1 ".....	60 00
	Fred L. Montague, " 1 ".....	60 00
	M. W. Quackenbush, " 1 ".....	60 00
	M. B. Cushing, " 1 ".....	60 00
	Geo. M. Kilmer, " 1 ".....	60 00
	Francis Sanford, janitress, 26 days, @ \$1.75.....	45 50
	Mary Coops, " 26 " 1.75.....	45 50
	Carl Vogel, laborer, 26 " 1.75.....	45 50
	Jacob Scheon, " 26 " 1.75.....	45 50
	James Conley, " 26 " 1.75.....	45 50
	James Simmons, " 26 " 1.75.....	45 50
	David S. Bennett, " 26 " 1.75.....	39 00
	Joseph Lehmen, " 26 " 1.50.....	39 00
	Thomas Boller, " 26 " 1.50.....	39 00
	Thomas Lyons, " 26 " 1.50.....	39 00
	James Burns, " 26 " 1.50.....	39 00
Nov. 29	James Conley,	
	For improving State property, city of Lansing, J. R. 22, 1899, blocks 78 and 79,	
	horse and wagon hauling earth 26 days @ \$1.....	26 00
	Harry Moote,	
	For improving State property, city of Lansing, J. R. 22, 1899, blocks 78 and 79, 26	
	days @ \$1.50.....	39 00
	Amount carried forward	\$18,936 23

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
Nov. 29	Amount brought forward	\$18,986 23
	Michael Maloy, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 26 days @ \$1.75	45 50
	John White, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 15 days @ \$1.50	22 50
	Patrick Boland, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 11 days @ \$1.50	16 50
	Vern Quackenbush, For improving State property, city of Lansing, J. R. 22, 1889, and 1891, block 125, 20 days @ \$1.50	30 00
	Michael Christ, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, furnishing 50 shade trees @ 25c	12 50
	J. K. Humphrey, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 11 days @ \$1.50	16 50
	Philander Christian, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 26 days @ \$1.50	39 00
	Geo. W. Johnson, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 26 days @ \$1.50	39 00
	Jay Tuck, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 11 days @ \$1.50	16 50
	Michael Seibert, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 13 days @ \$1.50	19 50
	John Whitney, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 11 days @ \$1.50	16 50
	James Fairbanks, For improving State property, city of Lansing, J. R. 22, 1889, block 125, 11 days @ \$1.50	16 50
	John Ellis, For improving State property, city of Lansing, J. R. 22, 1889, block 125, 11 days @ \$1.50	16 50
	C. A. Handy, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 8 days @ \$1.50	12 00
	Thos. Boyd, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 26 days @ \$1.75	45 50
	W. S. Barber, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 11 days @ \$1.50	16 50
	Joseph Reoffer, For improving State property, city of Lansing, J. R. 22, 1889, block 125, 15 days @ \$1.75	26 25
	Charles Smith, For improving State property, city of Lansing, J. R. 22, 1889, block 125, 17 days @ \$1.50	25 50
	<i>Allowed November 30, 1892.</i>	
	C. Long & Co., For 1 case economy W. C. paper	12 00
	Boydell Bros., For 1 lt. 25x38 3/4 in. thick, Am. polished plate @ \$10.35, less 50% and 10% boxing	4 89 60
	Stock & Co., For 5 gal. signal oil @ 75c	3 75
	1 can	50
	<i>Allowed December 26, 1892.</i>	
	Pay roll, engineer, mechanics, etc.:	
	Hugh Guy, engineer, 1 month	118 33
	L. E. Baker, assistant engineer, 1 month	91 06
	I. H. Sanford, day watch, 31 days, @ \$3.25	69 75
	George Longstreet, " 31 " 2.00	62 00
	John Burns, night watch, 31 " 2.25	69 75
	Joseph Reoffer, " 31 " 2.00	62 00
	Amount carried forward	\$19,964 21

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Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward.....	\$19,864 21
	Pay roll:	
	James Conway, fireman, 21 days @ \$2.00.....	62 00
	Stephen Smith, " 1 month.....	50 00
	Eddie Richards, elevator, 27 days, @ \$2.00.....	54 00
	E. S. Humphrey, painter, 27 " 2.50.....	67 50
	William Ellis, carpenter, 27 " 3.50.....	67 50
	Thos. Early, mason, 27 " 3.25.....	87 75
	Lave S. Lee, janitor, 31 " 2.00.....	62 00
	Vern Quackenbush, " 1 month.....	66 00
	Emil Fischer, " 27 days, @ \$3.25.....	80 75
	U. H. Lasalle, " 1 month.....	60 00
	Fred S. Green, " 1 ".....	60 00
	James Salepangh, " 1 ".....	60 00
	C. W. Durkes, " 1 ".....	60 60
	E. E. Austin, " 1 ".....	60 00
	Fred L. Montague, " 1 ".....	60 00
	M. W. Quackenbush, " 1 ".....	60 00
	M. B. Cushing, " 1 ".....	60 00
	Geo. M. Kilmer, " 1 ".....	60 00
	Frances Sanford, janitress, 27 days, @ \$1.75.....	47 25
	Mary Geops, " 27 " 1.75.....	47 25
	Carl Vogel, laborer, 27 " 1.75.....	47 25
	Jacob Scheon, " 27 " 1.75.....	47 25
	James Conley, " 27 " 1.75.....	47 25
	James Simmons, " 27 " 1.75.....	47 25
	David S. Bennett, " 27 " 1.75.....	47 25
	Joseph Lehmens, " 27 " 1.50.....	40 50
	Thos. Boyd, " 27 " 1.50.....	40 50
	Thos. Lyons, " 27 " 1.50.....	40 50
	James Burns, " 27 " 1.50.....	40 50
	C. A. Handy, " 4 ".....	6 00
	Chas. Smith, helper, 1 month.....	50 00
	George W. Johnson, laborer, 27 days, @ \$1.50.....	40 50
Dec. 30	Michael Malloy, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, repairing sidewalk, 27 days @ \$1.75.....	47 25
	Thos. Boller, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, 27 days filling up holes with ashes @ \$1.75.....	47 25
	James Conley, For improving State property, city of Lansing, J. R. 22, 1889, blocks 78 and 79, horse hauling ashes 10 days @ \$1.00.....	10 00
28	Hugh Guy, For fare to Detroit and return to purchase electric supplies.....	4 60
27	Susan Shaft, For washing 380 pieces @ 4c.....	14 40
	Michigan Central Railway, For freight.....	29
2	Gordon & Black, For 4 lbs. solder, 80c; 10 lbs. lead pipe, 70c; 1 day's time, P. & H. C., \$5.00.....	6 50
18	2 1/2 L. H. stop cocks @ \$1.25.....	2 50
	1 1/2 gal. union.....	30
	1 1/2 comp. bitt.....	1 85
	10 hours' time, P. & H., @ 50c.....	5 00
July 26	Crotty Bros., For 4 closet fasteners.....	1 20
Dec. 2	U. S. Express Co., For express to Detroit.....	75
8	Capital Lumber Co., For 523 ft. fire box lumber @ \$18.00.....	9 40
12	P. L. Daniels, For 1/2 doz. feather dusters, @ \$10.00.....	5 00
	1/2 " hair brushes, @ \$9.00.....	4 50
	1/2 doz. combs, @ \$1.00.....	50
	U. S. Forester, For bolts of paper, @ 20c.....	2 40
		3 40
Nov. 29	W. B. Stone & Co., For 1,012 ft. 1x14 stocks, D. 2 S. & T., @ \$18.00.....	18 22
Dec. 8	Lansing Lumber Co., For 1,000 feet 14 inch box wood, @ \$20.00.....	20 00
	500 feet box wood, @ \$20.00.....	10 00
	Amount carried forward.....	\$21,779 67

BOARD OF STATE AUDITORS.

289

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$31,779 87
Apr. 30	Johnson & Briggs, For 600 lbs. phosphate for lawn, @ \$30.00	9 00
May 20	George Morgan, For turning chair screw	25
21	" " "	25
June 27	" " "	25
Aug. 9	" two chair screws	50
Sept. 21	" one chair screw	25
Oct. 21	screw in door hinge	20
Dec. 20	E. P. Lacy & Co., For two sacks L. cement	60
1	Lansing Electric Light and Power Co., For incandescent light supplied in capitol building during 1/4 month ending Dec. 1892, 96,000 volts at 20c per M.	19 20
1	Lansing Electric Light and Power Co., For light supplied in four arc lamps at capitol entrances from Oct. 15 to Dec. 1, 1892, 1/4 quarter @ \$100.00 per lamp per year	50 00
2	Lansing Gas Light Co., For gas supplied month of December, 1892: capitol building 215,500 cu. ft. old office building 8,000 " "	
	223,500 " " @ \$1.50 per M.	335 25
Sept. 27	Michigan Supply Co., For 8 10 dome shades @ 50c	3 00
Dec. 23	C. E. Hanghawout, For 1 doz. mops	2 40
	1/4 " brooms	1 50
	6 lbs. corn starch	30
	D. L. & N. Railroad, For freight from Oct. 26 to Sept. 31, 1892, inclusive	1 17
	Michigan Bell Tel. Co., For messages from Nov. 19 to Nov. 28 inclusive	50
<i>Allowed January 25, 1893.</i>		
	Pay roll engineers, mechanics, etc., For salaries for month of January, 1893:	
	Thos. Hill, engineer	138 33
	W. J. Bradner, assistant	75 00
	George Wilcox, night watch, 31 days @ \$2.25	69 75
	A. C. Cady, " 31 " 2.25	69 75
	J. E. Sherman, day " 31 " 2.00	62 00
	Chas. D. White, " 31 " 2.00	62 00
	Addison Childs, fireman, 1 month	60 00
	Jeremiah Mahoney, " 1 "	50 00
	Henry D. Humphrey, elevator, 31 days @ \$2.00	62 00
	Fred B. Lea, " 28 " 2.00	56 00
	Wm. Shuttleworth, painter, 28 " 2.50	70 00
	J. A. Melius, carpenter, 28 " 2.50	70 00
	Wm. Ralston, steam fitter, 28 " 2.50	65 00
	W. H. Berry, helper, 28 " 2.00	52 00
	Wm. Shaffer, janitor, 1 month	60 00
	James Salaspaugh, " 1 "	60 00
	John L. West, " 1 "	60 00
	L. S. Lea, " 3 days @ \$2.00	6 00
	G. W. Kilmer, " 3 " 2.00	6 00
	S. Smith, fireman, 1 " 50.00 per month	1 75
	Henry Decker, shoveling snow, 11 days @ \$1.50	16 50
	Thos. Striech, " 8 " 1.50	12 00
	James Johnson, " 12 " 1.50	18 00
	Nicholas Carroll, " 6 " 1.50	9 00
	Thos. King, " 9 1/2 " 1.50	14 25
	John Allen, " 8 " 1.50	12 00
	Uriah Lasell, janitor, 9 " 2.00	18 00
	John Driskill, shoveling " 1 " 1.50	1 50
	W. A. Miller, " 3 1/2 " 1.50	5 25
	Unknown, " 4 1/2 " 1.50	6 75
	J. E. Hudson, " 3 " 1.50	4 50
	George Randall, janitor, 1 month	60 00
	George Prouty, " 1 "	60 00
	D. Armstrong, " 1 "	60 00
	John Broad, " 1 "	60 00
	Chas. M. Knill, " 1 "	60 00
	Amount carried forward	\$33,772 62

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	Amount brought forward <i>Allowed January 25, 1893.</i>	\$23,772 62
	Pay roll:	
	John Born, laborer, 26 days, @ \$1.75	45 50
	John Spears, " 31 " 1.50	46 50
	Levi Wilson, " 31 " 1.50	46 50
	John Kennedy, " 28 " 1.75	49 00
	Thos. Fitzgerald, " 28 " 1.75	49 00
	Rebecca Petty, janitress, 28 " 1.75	45 50
	Fred L. Green, 1 month	80 00
	Thos. Taylor, 1 " "	80 00
	M. W. Quackenbush, 1 " "	80 00
Jan. 25	Susan Shaft,	
	For washing 348 towels @ 4c	13 92
	S. S. Godfrey & Son,	
	For cleaning 43 yards carpet @ 3 1/2c	1 51
	laying " " 3 1/2c	1 08
	cleaning " " paper @ 1c	48
	Bascom & Schelling,	
	For 19 blank steel keys	1 15
	Joseph Williams,	
	For hauling ashes from the capitol building, 6 days work with team and helper, @ \$4.00	24 00
	I. Gillett,	
	For changing combination and cleaning vault door lock, Board of Auditors	2 25
	Lansing Gas Light Co.,	
	For gas supplied month of January, 1893:	
	capitol building..... 323,100 cu. ft.	
	old office building..... 6,000 " "	
	339,100 " " @ \$1.50 M...	508 65
23	Board of Water Works and Electric Light Comrs.,	
	For water rate for quarter ending December 31, 1892	437 50
	electric light at entrance to capitol for December, 1892	83 83
	incandescent lighting capitol building, " 1892	122 80
	50 incandescent lamps, 16 C. P., @ 65c	32 50
	32 hours labor by electric light lineman and helper @ 20c	6 40
	Telephone and Telegraph Construction Co.,	
	For rental of three sets of telephones for private line purposes from January 1, 1893, to January 1, 1894, @ \$20.00 per set per annum	60 00
	Hands 64,417, 24,419, 31,420; trans. 47,191, 47,192, 47,193; lease 482.	
	rental of thirteen telephones from January 1 to April 1, 1893:	
	Board of Auditors, \$10.00; Auditor General, \$10.00; Governor's office, \$10.00; Supreme Court, \$10.00	40 00
	Superintendent of Public Instruction, \$10.00; Commissioner of Railroads, \$10.00; Commissioner of Labor, \$10.00; engineer, \$10.00	40 00
	Secretary of State, \$10.00; Land office, \$10.00; Treasurer, \$10.00; Attorney General, \$10.00; Bank Commissioner, \$10.00	50 00
	engineer's residence from January 16 to April 1, 1893	7 50
7	M. J. & B. M. Buck,	
	For 1 table, Superintendent of Public Instruction, \$6.00; 12 hours work repairing desk, \$4.20; paid for new irons, 30c; cloth, 50c	11 00
3	Michigan Supply Co.,	
6	For 17.6 1 1/4 blk pipe @ 7c, \$1.23; 2 1 1/4 lookouts @ 5c, 10c	1 33
	2 portable No. (10771) @ \$3.75	11 50
	6 pi. dome shades, 10, @ 45c	2 70
	6 La Beattie chimneys @ 20c	1 20
	2 Argand burners @ 65c	1 30
	2 10-shade holders @ 10c	20
	25 lbs XX white waste @ 10c	2 50
7	12 ft. silk tubing @ 20c, \$2.40; (11th, 18.4 ft. 3/4 blk pipe 7 1/2c, \$1.37, 55 and 5 1/2)	2 99
	1 18-Stillson wrench, \$4.00, 45c	2 20
	32.6 ft. 3/4 galv. pipe @ 8c, \$2.60, 47 1/2 and 5 1/2	1 31
14	1 lb Garlock packing @ \$1	98
18	(2 3/4 gal. els @ 35c; 2 1-gal. st. @ 30c; 1 1/4 x 1/4-gal. reducer @ 16c; 1-12 dos. 3/4 R. W. stop I. P. @ \$2.25) \$3.07-70c	92
	1 3/4 gal. nipple, 15c; 2 3/4 gal. clo. nipple @ 22, \$7c-75c	09
19	1 3/4 gal. st. els, 25c-70c	05
	2 nipples @ 11c, 22c-75c	06
6	C. Alsdorf & Son,	
	For 2 gals. alcohol, \$6; 6.30 in. Austria feather duster @ \$9	15 00
12	1 gal. white dryer, \$1; 1 gal. boiled oil 60c; 5 lbs putty, 20c	1 80
14	1 " machine oil, 40c; 1 lb, 3 1/4 lbs sulphuric acid @ 3c	1 35
	Amount carried forward	\$23,576 05

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$25,676 06
Jan. 14	C. Alsdorf & Son,	
	For 2 hair brushes, \$2; 1 gal. Asphaltum, \$1; 6 hair brushes, \$6	9 00
24	lamp black, 10c; 1 qt. aqua ammonia, 40c	50
Oct. 25	1/4 gal. alcohol, \$1.35; 10th, 5 lbs plastic, 40c; 11th, 6 whisk brooms, \$1.80	1 58
	1 doz. toilet soap, 75c; 15th, 1 gal. turpentine, 50c; 1 pt. ammonia, 20c	1 45
	1 oz. carbolic acid, 10c; 18th, 3 dusters, 24 in., \$5.25; 2 gals. coal oil, 20c	5 55
	10 lbs plastic, 80c; 7th, 10 lbs plastic, 80c; 1 qt. alcohol, 75c	2 35
	1/2 gal. oil, 30c; 1 gal. turp., 50c; 2 lbs color, 50c; 25 lead, \$1.75	8 05
1892	J. Stahl,	
Oct. 28	For 9 lights glass, 9 x 15	54
	2 " 32 x 40, diamond cut, @ \$1.75	3 50
	50 lbs white lead	8 50
Nov. 14	1 brass oil can	35
	1 keg 10 nails, wire telephone	2 45
22	1 coil spring	85
23	1 pair brass butts	10
	6 paper tacks	25
25	2 files	16
29	gallon C. oil	50
Dec. 2	1 keg 8 wire nails	2 50
	5 lbs putty	20
Jan. 16	D., L. & N. R. R.,	
	For freight from Detroit	53
24	American Express Co.,	
	For express received	25
4	A. M. Emery,	
	For shipping tags	10
8	J. C. Goss & Co.,	
	For 2 U. S. flags 8 feet long @ \$7.00, less 25%, \$3.50	10 50
7	Michigan State Prison,	
	For 1 dozen No. 7 warehouse brooms	3 00
	1 " fine parlor brooms	2 50
9	Fisher Electric Co.,	
	For 25 lbs blue vitrol @ 7c	1 82
	25 " crystal bichromate potash @ 16c	4 00
	12 " copperas for Crawford battery	1 58
	repairs to annunciator in House and Senate	23 70
53	porous cups @ 30c	15 80
	52 Leclanche zinc @ 4c	2 08
12	12 stars zinc @ 23c	2 76
	<i>Allowed February 28, 1898.</i>	
	Pay roll, engineer, mechanics, etc.:	
	Thos. Hill, engineer, 1 month	133 33
	W. J. Bradner, assistant engineer, 1 month	75 00
	George Wilcox, night watch, 23 days @ \$2.25	63 00
	A. C. Cady, " 23 " 2.25	63 00
	J. E. Sherman, day " 28 " 2.00	56 00
	Chas. D. White " 28 " 2.00	56 00
	Addison Childs, fireman, 1 month	60 00
	Jeremiah Mahoney, " 1 "	50 00
	Henry D. Humphrey, running elevator 23 days @ \$2.00	56 00
	Fred B. Lee, " 26 " 2.00	52 00
	William Shuttleworth, painter, 25 " 2.50	62 50
	J. A. Melius, carpenter, 25 " 2.50	62 50
	Wm. Ralston, steam fitter, 28 " 2.50	70 00
	W. H. Berry, helper, 28 " 2.00	56 00
	Wm. Shaffer, janitor, 1 month	60 00
	John L. West, " 1 "	60 00
	B. S. Prouty, " 1 "	60 00
	George Randall, " 1 "	60 00
	D. Armstrong, " 1 "	60 00
	John Broad, " 1 "	60 00
	Fred L. Green, " 1 "	60 00
	Thos. Taylor, " 1 "	60 00
	M. W. Quackenbush, " 1 "	60 00
	Lon Larkin, " 1 "	60 00
	J. W. Kincaid, " 1 "	60 00
	C. Sodergreen, " 1 "	60 00
	Algernon Owens, " 1 "	60 00
	James O. Linney, " 1 "	60 00
	Amount carried forward	\$27,540 16

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$27,540 16
	Pay roll:	
	Henry Truax, 5 days in January @ \$2.00	10 00
	Jacob Brow, laborer, 24 days @ \$1.75	42 00
	John H. Spears, " 24 " 1.75	42 00
	John Kennedy, " 24 " 1.75	42 00
	Thos. Fitzgerald, " 24 " 1.75	42 00
	Ben H. Ross, " 24 " 1.75	42 00
	Wm. Hoffman, " 24 " 1.00	24 00
	J. E. Hudson, shoveling snow 8 days @ \$1.50	12 00
	Levi Wilson, " 8 " 1.50	12 00
	Christopher Johnson, " 8 " 1.50	12 00
	Thos. King, " 8 " 1.50	12 00
	Henry Decker, " 10 " 1.50	15 00
	James Johnson, " 9 " 1.50	13 50
	John Allen, " 8 1/4 " 1.50	12 37 1/2
	W. A. Miller, " 8 1/4 " 1.50	12 37 1/2
	John Driskel, " 8 1/4 " 1.50	12 37 1/2
	Henry Truax, janitor, 1 month	60 00
Jan. 8	R. B. Woodard,	
	For grinding 6 chisels, 30c; 1 new poker head, \$1.00	1 30
9	mending bitt, 30c; (16) 6 chisels, 90c	1 40
18	making 2 gas pipe drills	40
20	18 chair springs	9 75
81	mending poker	25
Feb. 7	repairing gas pipe drill	25
10	" bag holder	25
	Capitol Lumber Co.,	
	For 10 pieces 1x11x1/4-16 box @ \$18.00	2 88
	800 ft. 1x7 box lumber; 800 ft. 1x10 box lumber; 800 ft. 1x14 box lumber: 900 ft. @ \$18.00	16 20
Jan. 4	H. D. Luce,	
	For 1/2 dozen sponges, 75c; 1/2 dozen combs, 70c; 1 dozen soap, 90c	2 25
	1/2 " whisk brooms, 38c; 1/2 dozen same, 44c	3 32
5	1/2 " sponges, \$1.50; 1/2 dozen combs, \$1.00; 3/4 lbs mercury, \$2.75	5 56
9	2 24-in. dusters, \$3.50; 1 dozen soap, \$2.00	5 50
10	1/2 dozen brushes, \$1.16; (11) 2 gallons varnish, \$4.00	5 16
	1 can paint, 65c; 1/2 dozen whisk brooms, \$1.20	1 55
	2 whisk brooms, 80c; 1 dozen combs, \$2.50	3 30
	1/2 dozen chamols skins	5 10
17	1/2 case toilet soap	4 00
18	2 whisk brooms	40
	Lansing Gas Light Co.,	
	For gas supplied month of February, 1893: Capitol building, \$80,200; old building, 5,700—\$85,900 cubic feet @ \$1.50 per M feet	578 85
Feb. 3	The Board of Electric Light and Water Works Commissioners,	
	For electric light for month of January, 1893, 2,484,000 watts @ 20c per M	496 80
	U. S. Express Co.,	
	For express from Feb. 2 to 7 inclusive	1 20
Jan. 31	Susan Shaft,	
	For washing 78 towels @ 4c	2 92
Feb. 21	Joseph Williams,	
	For 5 1/2 days' labor at Capitol building with team hauling ashes	23 00
Jan. 4	H. D. Luce,	
	For 2 shoe brushes	80
	1 polishing brush	20
	1 dander	25
	1/2 doz. hair " @ \$7.00	3 50
	1/2 " long whisks @ \$2.40	1 20
	1/2 " hair brushes 7.00	3 50
	4 cloth " 85	3 40
	5 hat " 40	2 00
	1 dozen sponges	3 60
	3 " soap @ 90c	2 70
10	1 quart Ans. and Boute	35
	1 " benzine	10
	1/2 dozen chamols skins @ \$10.20	5 10
	3 cases economy toilet paper @ \$10.50	31 50
Feb. 23	Van Gorder	
	For washing 425 towels @ 4c	12 00
Jan. 4	R. B. Shank & Co.,	
	For 1/2 dozen brooms @ \$3.50	1 75
	1/2 " mops 1.80	90
	Amount carried forward	\$32,211 55

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
	Amount brought forward	\$29,211 55
Jan. 4	R. B. Shank & Co., For 1/4 dozen scrub brushes @ \$3.00	1 50
	1/4 " brooms	1 75
6	1/4 " fiber pails	3 00
13	1 case matches	1 75
21	2 dozen janitor mops @ \$50.00 per gross	8 33
Feb. 10	1 " brushes	18 00
	10 ash floor brushes @ \$55.00 dozen	45 83
	Cannell & Edmonds, For 1 mail bag and shoulder strap	3 25
	Thos. Hill, For making 30 towels @ 5c	1 50
4	B. F. Simons, For 35 1/4 yards crash @ 16c	5 68
	36 1/4 " " 20c	7 30
	4 dozen towels @ \$3.00	12 00
	8 " " 2.64	7 92
1	M. J. & B. M. Buck, For 1 oak directors' table	31 00
Jan. 4	R. B. Shank & Co., For 1 gal. oil can	35
	1 " "	07
	1 box sapolio	3 00
5	1 dozen mops, extra heavy	4 20
6	1 gal. gasoline can	25
	1 " "	07
10	1/4 doz. mops @ \$1.50	90
	1/4 " fiber pails @ \$6.00	2 00
14	salt	15
	2 packages soapine @ 5c	10
15	salt	15
16	"	15
	1 gal. oil	07
	salt	15
17	parlor matches	25
	1/4 doz. mops, extra heavy, @ \$4.20	1 05
21	14 ash floor brushes @ \$55.00 per dozen	64 17
	2 doz. scrub brushes @ \$3.00	6 00
	4 " janitor mops @ \$50.00 per gross	16 67
Feb. 3	1/4 " brush holders @ \$1.75	88
4	2 boxes axle grease @ 15c	30
	1 hamper	1 75
	3 laundry baskets @ \$2.00	6 00
7	2 cases matches @ \$1.75	3 50
10	3 doz. brushes @ \$18.00	54 00
13	1 case of matches	1 75
	1 " 1776	5 00
15	1 barrel salt	90
*Jan. 28	J. C. Hawes, For painting Jas. G. Blaine's picture	10 00
14	John Hermann, For 1 uniform suit, C. D. White	25 00
	1 " " J. E. Sherman	25 00
	W. B. Stone & Co., For 622 feet 1/4 x 1/4 com. @ \$18.00	11 20
	A. M. Emery, For time book	50
	American Express Co., For express February 18, 1893	25
	Michigan Bell Telephone Co., For messages from December 19, 1893, to 29, inclusive	85
	" " " January 3, 1893, to 21, inclusive	1 75
Dec. 23	Gordon & Black, For 4 hours time @ 50c	2 00
	1 washout closet	15 00
	2 lbs putty	10
	8 1/4 feet 1/4 galvanized pipe	51
	1 foot 1/4 " ell	10
	8 hours time @ 50c	4 00
20	1 foot 1/4 galvanized pipe ell	10
	7 hours time @ 50c	3 50
	Amount carried forward	\$29,631 75

ANNUAL REPORT OF THE

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 22, 1898.</i>	
	Amount brought forward	\$29,531 75
Dec. 30	Thos. Hill, For freight paid on paper from Chicago	61
Jan. 24	P. F. Olds & Son, For 1 hours time making bolt	40
25	1 " " drill and counter sink straps	40
	W. B. Stone & Co., For 710 feet $\frac{1}{4}$ x 14 @ \$18.00	12 78
15	Tolan & Raney, For making connections with city water and tanks, 1 lb solder, 28c; 5 lbs $\frac{1}{4}$ lead pipe @ 7c, 35c	55
	6 hours time @ 50c	3 00
Feb. 5	forcing sediment out of water pipes, 16 hours time @ 50c	8 00
12	making connections to city water pipe: 1 $\frac{1}{4}$ brass soldering union	25
	1 $\frac{1}{4}$ round way stop cock	1 50
	1 lb solder	30
	8 hours time @ 50c	4 00
Jan. 16	thawing out water pipes and repairing closet tanks, 7 hours time @ 50c	3 50
	1 lb solder	30
17	putting in stop cock, repairing closet tanks, 1 $\frac{1}{4}$ L & H stop and waste 6 hours time @ 50c	1 00
	Harvey & Harris, For block of marble for speakers desk	3 00
9	C. Long & Co., For 3 cases economy toilet paper @ \$12.00	36 00
Feb. 4	National Tubing Co., For 48 feet re-union tubing @ 6c	2 88
	36 " portable No. 1 @ 12c	4 32
	12 " silk @ 18c	2 16
	1 dozen pat. sockets	1 50
	$\frac{1}{4}$ " stock necks	50
	$\frac{1}{4}$ " Argand burners	1 38
	156 feet best portable tubing	18 72
	1 dozen stock necks	1 00
	1 " pat. sockets	1 50
	1 " Argand burners	2 75
	1 tube connections	75
10	J. C. Goss & Co., For 1 flag 6x10 feet	\$10 00
	$\frac{1}{4}$ off	2 50
	<i>Allowed March 29, 1898.</i>	
28	Hale Elevator Co., For 1 pair safety wedge shoes	1 60
23	Mabley & Co., For 2 caps and lettering	5 08
	express charges	25
	Pay roll engineer, mechanics, etc., For Thos. Hill, engineer, 1 month	128 22
	W. J. Bradner, assistant engineer, 1 month	75 00
	George Wilcox, night watch, 31 days @ \$2.25	69 75
	A. C. Cady, " 31 " 2.25	69 75
	J. E. Sherman, day " 31 " 2.00	63 00
	Chas. D. White, " 31 " 2.00	63 00
	Addison Childs, fireman, 1 month	60 00
	Jeremiah Mahoney, " 1 "	50 00
	Henry D. Humphrey, elevator, 31 days @ \$2.00	63 00
	Fred B. Lee, " 27 " 2.00	54 00
	Wm. Shuttleworth, painter, 28 " 2.50	70 00
	J. A. Mellins, carpenter, 27 " 2.50	67 50
	Wm. Ralston, steam fitter, 29 " 2.50	73 50
	Wm. H. Berry, helper, 29 " 2.00	58 00
	Wm. Shaffer, janitor, 1 month	60 00
	John L. West, " 1 "	60 00
	E. S. Prouty, " 1 "	60 00
	George Randall, " 1 "	60 00
	D. Armstrong, " 1 "	60 00
	John Broad, " 1 "	60 00
	Fred L. Green, " 1 "	60 00
	Thos. Taylor, " 1 "	60 00
	Amount carried forward	\$81,207 80

Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	Amount broght forward	\$31,207 80
	Pay roll:	
	Lon Larkins, janitor, 1 month	80 00
	J. W. Kincaid, " 1 "	80 00
	Algernon Owens, " 1 "	80 00
	Chas. Sodergreen, " 1 "	80 00
	James O. Linney, " 1 "	80 00
	Henry Truax, " 1 "	80 00
	A. M. Dobbelaire, " 1 "	80 00
	William Hoffman, " 21 days @ \$2.00	54 00
	Jacob Born, laborer, 27 " 1.75	47 25
	John Kennedy, " 27 " 1.75	47 25
	Thos. Fitzgerald, " 27 " 1.75	47 25
	John H. Speers, " 30 " 1.75	52 50
	Ben F. Ross, " 30 " 1.75	52 50
	Rebecca Petty, janitress, 27 " 1.75	47 25
	A. M. Dobbelaire, janitor, 5 " 2.00	10 00
	Thomas King, shoveling snow, 10 days @ \$1.50	15 00
	Henry Decker, laborer, " 26 " 1.50	39 00
	James Johnson, shoveling " 10½ " 1.50	15 75
	J. E. Hudson, " 3 " 1.50	4 50
	Levi Wilson, " 4½ " 1.50	6 75
	Mrs. G. Randall, janitress, 2 " 2.00	4 00
Mar. 28	State Industrial School,	
	For recaning 17 old chairs bottoms @ 60c	10 20
27	F. Van Gorder,	
	For washing 298 towels @ 4c	15 92
Jan. 17	Cannell & Edwards,	
	For 7 papers of tacks	42
Mar. 1	8 "	82
7	thread	17
16	4 papers	30
27	7 yards webb	1 12
28	Ross Connolly,	
	For 1 dozen hand soap	1 00
3	Lansing Gas Light Co.,	
	For gas supplied month of March, 1893:	
	Capitol building	342,200
	old office	5,000
		347,200 cu. ft at \$1.50
	H. D. Edwards & Co.,	520 80
	For 1 coil 12th Russia halliards, 28 lbs @ 30c	8 40
Jan. 10	B. P. Richmond,	
	For repairing clock, Labor Bureau	1 00
12	" " Board Charities	1 00
13	" " State accountant	1 00
Mar. 14	Lansing Lumber Co.,	
	For 1,000 feet box lumber	18 00
Jan. 2	Chas. M. Norton,	
	For clothes line wire, 50c; (3) 15-inch monkey wrench, \$1.25	1 75
	10-inch wrench, 35c; (4) 6 snow shovels, \$1.20	1 55
	6 chest lock keys for House and Senate	25
	6 Yale keys for House and Senate	68
5	9 steel blank keys for House and Senate	45
	hatchet, 60c; (6) 2 sets castors, 20c; (7) 3 chest locks, 30c	1 10
10	62 quart pails for House and Senate	50
13	1 lb ¼ wire brads, 10c; 1 lb do, 8c	18
	1 gross ¾ screws, 20c; 3 dozen Sargeant & Greenleaf blank keys, \$3.00	3 20
14	2 locks and 3 keys, 45c; 4 pieces 18-24 zinc, 8 lbs, 80c	1 25
18	2 chest locks, 30c; 12 keys, 45c; 12 sheets sand paper, 10c	85
19	15½ feet weather strips, 31c; (20) 1 No. 6010 draw lock, 25c; (23) can glue, 25c	81
25	2 pair 3-inch hinges, 15c; 1 Yale lock, \$1.75	1 90
	1 dozen bolts, 8c; (31) dozen set castors, \$1.00; ¼ lb cap rivets, 15c	1 23
Feb. 2	1 key, 5c; (6) Yale desk lock, \$1.00; (13) 1 gross blank steel keys, \$4.20	5 25
Mar. 1	1 dozen coat hooks, 10c; (4) 14 feet weather strips, 25c; 4 draw locks \$1.00	1 35
	1 lb 1-inch brads, 7c; 1 gross 1½x12 screws, 39c; 1 Yale night lock, \$1.75	2 21
Jan. 23	Michigan Supply Co.,	
	For 1 1½ check valve, \$3.25, less 70 per cent	98
24	12 1 lb plugs @ 6c, 72c, " 70 "	18
Feb. 2	6 10 in. pl. shades @ 45c, \$2.70; 12 labastje chim. @ 20c, \$2.40; 24 feet silk gas	
	tubing @ 20c, \$4.80; 1 tube connection, 10c	10 00
12	1 No. 2 Barnes pipe cutter	2 50
	Amount carried forward	\$32,689 12

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Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$32,689 12
Feb. 12	Michigan Supply Co.,	
	For 4 feet 4-ply Buckeye belt @ 15c	60
	1 1/4" at. way valve, \$5 00, less 65 per cent.	1 75
	15.3 1/4 galvanized pipe @ 28c, \$4.27, less 57 1/2 and 5 per cent.	1 73
	4 1/4 " " " " " " " " " "	68
	2 1/4 " " " " " " " " " "	14
	1 1/4 x 6 1/4 " " " " " " " " " "	09
	4 1/4 threads @ 8c, \$2c, less 20 per cent.	26
23	8 feet silk gas tubing @ 20c	1 80
28	6 10-ply wh. shades @ 45c	2 70
Mar. 31	6 10-ply opal " " 45c	2 70
	6 Labastie chimneys @ 20c	1 20
Dec. 30	Lansing Lumber Co.,	
	For 500 feet 14-inch box wood, 500 feet 7-inch box wood @ \$20.00	20 00
	Capital Lumber Co.	
	For 300 feet 1/4 x 14 @ \$25.00	7 50
	184 " 1 x 14, No. 10, @ \$35.00	6 44
	90 " 1 x 7 x 16, No. 1, @ \$18.00	5 04
	10 " 1 x 13 x 16, No. 4 S., @ \$12.00	1 72
	150 " line 1/4 round @ 1/4c	75
	75 " matched @ \$50.00	3 75
	500 " 1 x 10 @ \$18.00	9 00
	300 " 1 x 8 15.00	5 40
	250 " 1 x 5 18.00	4 50
	200 " 1 x 5 1/2 18.00	3 80
Feb. 21	Ferry & Butts,	
	For 1 revolving oak book case, Senate	14 00
23	1 polished oak folding table, House	3 50
Mar. 6	7 yds. gimp @ 8c; 16 yds. burlape @ 6c	1 52
22	1 polished oak folding table, Senate	3 50
	paid for sketch and estimates	5 00
Jan. 8	H. H. Larned,	
	For 6 cuspidors @ 60c	3 60
	1 pitcher	1 00
	1 " "	1 00
	1/2 dozen tumblers @ \$3.00	2 25
	6 cuspidors @ 60c	3 60
5	J. Stahl,	
	For 1/2 dozen carpet sweepers, Senate and House, @ \$33.00	16 50
	1 door spring	2 00
	2 lights glass 28x50 cut D. A. A. @ \$1.80	3 60
	1 door check	3 00
	7 blank keys	70
10	1 keg No. 8 wire nails	2 50
	1 " " 10	2 45
12	1 light glass 20x24 D.	40
	1 box paints	10
	2 blue ware water pails @ \$1.25	2 50
16	6 galvanized iron pails to order, Senate and House, \$1.25	7 50
	12 Rusela iron dust pans	4 50
	12 handles for dust pans, Senate and House	3 00
17	3 thermometers	75
	1 bottler by G. Randall, Labor Bureau	1 25
18	2 blue ware water pails, Senate and House	3 50
24	1 1/4 lbs spring steel @ 5c	75
	1 Yale lock	1 25
25	1 copper bottom water pail	35
	3 match boxes @ 20c	60
	2 best thermometers @ 50c	1 00
	9 lbs assorted beads	42
Feb. 4	1 12-inch and 1 14-inch file	65
	2 granite wash basins	1 00
	2 C chisels	50
	3 1/4 lbs solder	70
	4 steel hammers @ 45c	1 90
	2 saddle punches @ 12 1/2c	25
6	13 feet of pipe @ 10c	1 30
	4 elbows	50
	2 alarm whistles @ 50c	1 00
	labor: tuner and helper	1 00
10	2 mortise dead locks @ \$2.75	5 50
	Amount carried forward	\$32,861 03

BOARD OF STATE AUDITORS.

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$32,881 02
Feb. 10	J. Stahl,	
	For 3 extra blank keys	30
13	6 sadler punches @ 12½c	75
14	2 bristle counter brushes @ 35c	1 70
	4 paper tacks	20
16	1 ball H. twine	10
	1 keg 10 nails	2 25
	copper wire	10
	1 paper of brass tacks, 40c; 1 dozen tire bolts, 5c	45
	1½ dozen tire bolts, 8c; (16) 2 mortise night latches, \$5.50	5 58
17	1 keg 10 wire nails, \$2.30; (20) 1 lb ¼ wire brads, 10c	2 30
24	1 dozen key rings	50
	1 hand saw, Superintendent of Public Instruction office	1 25
Mar. 23	Joseph Williams,	
	For 4½ days services, self and man with team drawing away ashes @ \$4.00	19 00
	W. B. Stone,	
	For 700 feet 14-inch lumber @ \$18.00	12 60
	Board of Water Works and Electric Light Commissioners,	
	For electric light supplied during month of February, ending 28th, 1898, 4,440,000	
	watts @ 18c per M	\$799 20
	less 10 per cent	79 92
		719 28
Feb. 6	P. F. Olds & Son,	
	For 1½ hours, plug and redrill hole	60
Mar. 6	H. S. Winters,	
	For caning 18 chairs for State capitol building	9 00
	Wells & Clear,	
	For 1,683,790 grate coal @ \$5.14	\$4,288 79
	cash July 2, 1892	3,315 49
		973 30
	244,675 lbs ice @ 15c	367 46
Feb. 8	Cowles Bros.,	
	For 1 curtain roll office desk, speaker's room, House	38 00
	United States Express Co.,	
	For express, February 24, 1898	30
	American Express Co.,	
	For express, March 28, 1898	35
	Michigan Bell Telephone Co.,	
	For messages from February 2, 1898, to 10 inclusive	50
	<i>Allowed April 26, 1898.</i>	
	Telephone & Telegraph Construction Co.,	
	For rental of telephone from April 1 to July 1, 1898:	
	State Board of Auditors	10 00
	Auditor General	10 00
	Supreme Court	10 09
	Department of Public Instruction	10 00
	Commissioner of Railroads	10 00
	Commissioner " Labor	10 00
	Engineer	10 00
	Land Office	10 00
	Treasurer	10 00
	Attorney General	10 00
	Bank Commissioner	10 00
	Engineer's residence	9 00
	Library	10 00
	" March 8 to April 1, 1898	2 55
	Secretary of State	10 00
	Executive Office	10 00
	Board of Corrections and Charities, April 5 to July 1, 1898	9 45
Apr. 5	E. W. Devos & Co.,	
	For ½ dozen No. 8 flat chis sash tool @ \$3.05 dozen	\$1 52
	½ " 610 Riverside Bros. 20.00 "	10 00
		\$11 52
	½ off	7 68
	267 lbs. tinted lead in oil, 280 lbs. tinted lead in oil, total 547 lbs. @ 7c	38 29
14	Charles Toll,	
	For 2 barrels crystal sand	5 00
	cartage	35
11	Fisher Electric Co.,	
	For 100 Leclanche zincs	4 00
	Amount carried forward	\$35,253 21

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Date.	Items.	Amount.
	Allowed April 26, 1898.	
	Amount brought forward	\$35,253 21
	Pay roll, engineer, mechanics, etc.:	
	Thos. Hill, engineer, 1 month	138 33
	W. J. Bradner, assistant engineer, 1 month	75 00
	George Wilcox, night watch, 30 days @ \$2.25	67 50
	A. C. Cady, " " 30 " 2.25	67 50
	J. E. Sherman, day " 30 " 2.00	60 00
	Chas. D. White, " " 30 " 2.00	60 00
	Addison Childs, fireman, 1 month	60 00
	Jeremiah Mahoney, " 1 " "	50 00
	Henry D. Humphrey, running elevator, 30 days @ \$2.00	60 00
	Fred B. Lee, " " 25 " 2.00	50 00
	William Shuttleworth, painter, " 27 " 2.50	67 50
	A. M. Melius, carpenter, " 27 " 2.50	67 50
	William Ralston, steam fitter, " 29 " 2.50	72 50
	W. H. Berry, helper, " 28 " 2.00	56 00
	Wm. Shaffer, janitor, 1 month	60 00
	John L. West, " 1 " "	60 00
	B. S. Prouty, " 1 " "	60 00
	George Randall, " 1 " "	60 00
	D. Armstrong, " 1 " "	60 00
	John Broad, " 1 " "	60 00
	Thos. Taylor, " 1 " "	60 00
	Fred L. Green, " 15 days @ \$2.00	30 00
	A. M. Dobbelaere, " 1 month	60 00
	Lon Larkins, " 1 " "	60 00
	J. W. Kincaid, " 1 " "	60 00
	Algernon Owens, " 1 " "	60 00
	Chas. Sodergreen, " 1 " "	60 00
	James O. Linney, " 1 " "	60 00
	Henry Trux, " 1 " "	60 00
	William Hoffman, " 25 days @ \$3.00	50 00
	Jack Born, laborer, " 25 " 1.75	43 75
	John Kennedy, " 25 " 1.75	43 75
	Thos. Fitzgerald, " 25 " 1.75	43 75
	John H. Speers, " 25 " 1.75	43 75
	Ben F. Ross, " 25 " 1.75	43 75
	Rebecca Pettay, janitress, " 25 " 1.75	43 75
	Frank Arnold, janitor, " 30 " 2.00	60 00
	James Juleff, stone mason, " 30 " 3.25	65 00
	Henry Decker, laborer, " 25 " 1.75	43 75
	Rebecca Pettay, " in February, 3 days @ \$1.50	4 50
	" " " 24 " 1.75	42 00
Apr. 1	F. Van Gorder,	
	For washing 217 towels @ 4c.	8 68
Mar. 29	Joseph Williams,	
	For 1 1/2 days, man and team carting away ashes from old State building.	9 75
Apr. 1	3/4 " " " and one man helping same carting away ashes from capitol building @ \$4.00	14 00
	W. B. Stone,	
	For 541 feet 14-inch lumber @ \$18.00.	9 74
	800 " 7-inch " 18.00.	5 40
4	Lansing Lumber Co.,	
	For 1,035 feet box lumber @ \$18.00	18 45
14	Thos. Hill,	
	For freight paid on 2 barrels sand	63
30	Lansing Gas Light Co.,	
	For gas supplied during month of April:	
	Capitol building	275,200 cu ft.
	old office building	4,400 " "
		279,600 " " at \$1.50 per M
Mar. 2	P. F. Olds & Son,	419 40
	For 1/2 hours re-turn thumbscrew	30
3	1/4 " " "	30
7	1/4 " " "	30
22	1 1/4 " repair "	60
28	1 1/4 " " "	50
	Capitol Lumber Co.,	
	For 2 2x5 14 No. 2, 23; 6 2x6 14, No. 2, 84; 11 2x6 18, No. 2, 198: 806 ft. @ \$16.00	4 38
	Amount carried forward	\$38,064 62

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
Mar. 23	Amount brought forward	\$38,064 62
	Capitol Lumber Co.,	
	For 8 pieces $\frac{3}{4}$ x12 16 clear white pine, 128; 15 pos. $\frac{3}{4}$ x7 12 clear white pine, 105;	
	1 pc. $\frac{3}{4}$ x12 16 " " " 18; 3 " $\frac{3}{4}$ x4 $\frac{1}{2}$ 16 " " " 20;	
	1 " $1\frac{1}{2}$ x12 16 " " " 20; 4 " $\frac{3}{4}$ x14 16 " " " 75;	
	17 " $\frac{3}{4}$ x12 12 " " " 204; 1 " $1\frac{1}{2}$ x10 16 " " " 17;	
	80 " $\frac{3}{4}$ x12 " " " 80: 665 ft. @ \$50.00	33 25
24	Wells & Clear.	
	For 24,880 lbs coal; Mar. 25, 18,700 lbs coal; Mar. 27, 29,940 lbs coal; Mar. 28, 22,970	
	lbs coal; Mar. 29, 37,010 lbs coal, 19,280 lbs coal; Mar. 30, 32,080 lbs coal; Apr.	
	1, 37,270 lbs coal; Apr. 3, 11,860 lbs coal; Apr. 4, 40,940 lbs coal; Apr. 5, 41,740	
	lbs coal; Apr. 6, 28,730 lbs coal; Apr. 7, 11,920 lbs coal; 352,270 lbs coal, 176	
	270-2,000 tons @ \$5.14	905 35
25	Michigan Supply Co.,	
	For 6 ft. silk gas tubing @ 20c	1 20
28	6 " " " " 20c	1 20
Apr. 6	8 " " " " 20c	1 20
Mar. 17	R. B. Woodward,	
	For 18 chair springs	13 50
Apr. 8	5 cold " sharpened	25
12	7 stone rolls	21
14	5 " " " "	15
22	lengthening 2 bits	50
	M. C. R'y,	
	For freight on paint from Chicago for old state office	86
Feb. 28	J. Stahl,	
	For 1 Iron Mountain stencil plate	1 75
	2 lbs $\frac{1}{4}$ wire nails	20
	6 Yale locks	3 00
Mar. 2	2 shovels	1 30
	2 lbs hemp twine	40
11	1 door bolt	20
22	2 sheets tin 20x28	80
23	1 B barrel bolt	25
	1 hook and eye	05
24	1 brass drawer lock	65
25	1 lb hemp twine	20
Apr. 1	2 scoops	2 30
4	2 garden rakes	70
	5 steel keys	50
6	1 pair strap hinges	25
7	1 light glass, 16x27, D. S. aa cut	1 25
	1 " 20x58, " " "	1 65
8	1 14-in. file	35
	2 12-in. "	50
	1 architect's rule	1 75
11	1 eclipse door spring	1 25
	1 " check	2 25
	1 hinge hasp	10
	5 lbs 6d wire nails	15
	1 pr. 4x5 brackets	10
20	8 sheets tin, 20x28	1 20
	8 ft. trough	80
	4 hours' labor tinner	1 20
	4 " helper	60
20	2 16x32 drill bitt	1 00
21	1 light glass, 16x50, D. S. aa cut	90
	6 blank Yale keys	60
24	2 papers tacks	10
	1 $\frac{3}{4}$ bar rd. iron	10
	1 bolt $\frac{3}{4}$ x7	05
7	Chas. Williams,	
	For 1 load of sand	75
Mar. 12	Board of Water Works & Electric Light Commissioners,	
	For 30 16-C. P. lamps @ 65c	19 50
Apr. 4	electric light in capitol building for March	588 06
	4 arc lights for quarter ending Mar. 31, 1898	100 00
	water rates " " " " 31, 1898	437 50
Feb. 7	50 16-C. P. lamps @ 65c	32 50
Jan. 26	C. Alsdorf & Son,	
	For 6 bath sponges	1 50
31	6 lbs muriatic acid	25
	Amount carried forward	\$40,230 40

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Date.	Items.	Amount.
	<i>Allowed April 28, 1898.</i>	
	Amount brought forward	\$40,230 40
Feb. 2	C. Alsdorf & Son.	
	For 3 dozen toilet soap @ 75c.....	2 25
21	2 " " " 75c.....	2 70
25	2 gal. alcohol.....	5 50
	1 doz. toilet soap.....	1 25
	2 " " " @ 75c.....	1 50
	6 sponges, \$1.00; 6 chamolis, \$2.40.....	2 40
	3 whisk brooms.....	1 50
	12 " ".....	1 75
	6 combs, 88c; 6 hair brushes, \$3.00.....	6 88
	3 cloth brushes.....	1 20
Mar. 2	whiting.....	05
3	30 lbs sulphuric acid.....	1 50
	1 gal. machine oil.....	40
11	1 " turpentine.....	50
16	¼ doz. blacking.....	50
23	2½ lbs quicksilver.....	2 50
	6 chamolis.....	4 50
	1 stencil brush.....	20
	1 lb S. W. sponges, \$2.25; 12 lbs putty, 48c.....	2 75
Apr. 10	5 lb whiting.....	10
22	25 lbs Carter white lead.....	2 00
	2 brushes.....	60
Mar. 31	M. J. & B. M. Buck.	
	For 2½ yards cloth, upholstering lounge.....	9 62
	12 yards gimp.....	1 20
	2 pa. gimp tacks.....	20
Apr. 17	Toolan & Rooney.	
18	For putting W. C. in Attorney General's office, 1 F. O. closet with cherry tank and seat.....	23 00
	8 lb solder, @ 20c.....	1 60
	1 No. 4 Rickart's rubber ell.....	1 00
	8 lbs. sheet lead, @ 10c.....	80
	1 pair 4x5 brackets.....	25
	25 lbs. ½ xstrg. lead, @ 7c.....	1 75
	4 pr. tags, @ 5c.....	20
	3 N. P. closet screws 5, @ 25c.....	75
	25 lbs. 1½ xlight lead, @ 7c.....	1 75
	2 1½ hose bibb, 5, @ \$1.00.....	2 00
	18 hours time (M. & H.), @ 50c.....	9 00
	Michigan Bell Telephone Co.	
	For messages from Mar. 13, '98, to 23, inclusive.....	1 00
	<i>Allowed May 31, 1898.</i>	
May 13	The Globe Oil Co.,	
	For ¼ barrel Ex. Globe Eng., 33 gals., @ 25c.....	8 25
	package.....	50
	Pay roll, engineer, mechanics, etc.,	
	Thos. Hill, engineer, 1 month.....	132 23
	Addison Childs, assistant engineer, 1 ".....	75 00
	George Wilcox, night watch, 31 days, @ \$2.25.....	69 75
	A. C. Cady, " 31 " 2.25.....	69 75
	J. E. Sherman, day watch, 31 " 2.00.....	62 00
	Charles White, " 31 " 2.00.....	62 00
	Jeremiah Mahoney, fireman, 1 month.....	50 00
	Henry D. Humphrey, running elevator, 31 days, @ \$2.00.....	62 00
	Fred B. Lee, " 27 " 2.00.....	54 00
	William Shuttleworth, painter, 28 " 2.50.....	70 00
	J. H. Melina, carpenter, 27 " 2.50.....	67 50
	William Baleson, steam fitter, 31 " 2.50.....	77 50
	W. H. Berry, helper, 1 month.....	60 00
	Wm. Shaffer, janitor, 1 ".....	60 00
	John L. West, " 1 ".....	60 00
	B. L. Prouty, " 1 ".....	60 00
	George Randall, " 1 ".....	60 00
	D. Armstrong, " 1 ".....	60 00
	John Broad, " 1 ".....	60 00
	Frank Arnold, " 1 ".....	60 00
	Thos. Taylor, " 1 ".....	60 00
	A. M. Dobbelaere, " 1 ".....	60 00
	Lon Larkins, " 1 ".....	60 00
	Amount carried forward	\$41,854 78

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed May 31, 1898.</i>		
	Amount brought forward.....	\$41,884 73
	Pay roll:	
	J. W. Kincaid, janitor, 1 month.....	60 00
	Algernon Owen, " 1 ".....	60 00
	Chas. Sodergreen, " 1 ".....	60 00
	James O. Lianey, " 1 ".....	60 00
	Henry Truax, " 1 ".....	60 00
	Wm. Hoffman, " 27 days, @ \$3.00.....	81 00
	Jack Born, " 1 month.....	60 00
	John Kennedy, " 27 days, @ \$1.75.....	47 25
	Thos. Fitzgerald, " 27 " 1.75.....	47 25
	Ben. F. Ross, laborer, 27 " 1.75.....	47 25
	James Juleff, stone cutter, 27 " 2.25.....	60 75
	Henry Deckle, laborer, 27 " 1.75.....	47 25
	Rebecca Petty, janitress, 1 month.....	50 00
	John H. Spear, laborer, 27 days, @ \$1.75.....	47 25
Apr. 27	J. Stahl,	
	For 1 step ladder.....	85
28	2 kegs 16d wire nails @ \$2.25.....	4 50
29	2 lights ground plate glass @ \$8.50.....	17 00
	2 Ratchet braces @ \$2.00.....	4 00
May 1	4 gross ¼ No. 5 brass screws @ 45c.....	1 80
2	1,174 lbs bar iron @ 2¼c.....	26 42
	2 gross 2-in. No. 12 rd. head screws @ 85c.....	1 70
4	2 mort. dead locks and keys.....	5 50
	express.....	40
	charges for punching holes, iron bars for roof.....	3 25
	cartage, iron bars for roof.....	50
6	100 bolts ½x18 for roof bars.....	2 52
	2 lbs washers @ 10c for roof bars.....	20
	express and telephoning.....	75
9	¼ dozen steel keys @ 10c.....	60
11	5 lbs best glue.....	1 25
12	1 gross screw eyes.....	50
	3 Sargent's dead locks @ \$2.75.....	8 25
	express.....	40
	3 extra keys @ 15c.....	45
15	1 key.....	05
	1 8x12 register face plate.....	50
17	1 draw lock.....	85
22	8½ dozen 2¼ No. 12 screws @ 12½c.....	1 07
	2 draw locks @ 35c.....	70
26	1 light ground glass, 28x28¾.....	2 50
	express.....	35
Apr. 25	Chas. Williams,	
	For 4 loads sand for stone work around the building @ 75c.....	3 00
May 27	Joseph Williams,	
	For 2½ days self and team carting away ashes and one man helping same @ \$4.00.....	11 00
	Industrial School for boys,	
	For caning 2 chairs. @ \$1.50.....	3 00
	" 9 " 75c.....	6 75
	" 1 " 65c.....	65
	" 6 " 60c.....	3 60
	" 5 " 50c.....	2 50
	" 4 " 40c.....	1 60
12	Ferry & Butts,	
	For 6 prize sweepers.....	21 00
16	reupholstering pat. plush rocker, Com. Labor.....	2 45
	1 walnut revolving chair, Aud. Gen.....	16 00
	1 " desk, Aud. Gen.....	25 00
19	French bevel plate for hall tree, Board And.....	8 00
	1 " " Secretary of State.....	5 50
20	1 " " mirror and frame, Com. Labor.....	15 00
27	60 sq. ft. wal. reimr. seals, 35c sq. ft.....	21 00
	W. B. Stone & Co.,	
	For 423 ft. 14 inch lumber, @ \$18.00.....	7 61
	700 ft. 14 " 18.00.....	12 60
	300 ft. 7 " 18.00.....	5 40
	60 ft. 5, 5-16x12, 12, good 45.00.....	2 70
	102 ft. 1x11¾ 18.00.....	1 84
	504 ft. 1x14 18.00.....	9 07
	400 ft. 1x7 18.00.....	7 20
	2,025 ft. 1½ inch lumber, 18.00.....	36 45
	504 ft. 7 " 18.00.....	9 00
	Amount carried forward.....	\$42,967 01

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Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$44,253 66
Jan. 9	H. H. Larned,	
	For 3 trays @ 50c.....	1 00
	1 doz. engraved tumblers.....	1 25
	2 white pitchers @ 40c.....	80
	2 alop bowls @ 50c.....	1 00
	3 ash trays, 1-5a 1/4.....	1 10
	1 dec. urn and basin.....	2 40
	1 " covered soap.....	60
	1 gal. iron slop jar.....	75
13	4 nickel cuspidors @ \$1.00.....	4 00
	2 china " 1.25.....	2 50
14	1 dec. bowl and pitcher.....	2 40
	1 " covered soap.....	60
	1 gal. iron slop jar.....	75
18	1/4 doz. iron cuspidors @ \$9.00.....	8 00
Feb. 6	2 " tumblers @ 65c.....	1 30
16	3 8-gal. porcelain @ \$7.81.....	23 43
	1-6 " ".....	5 94
25	1/4 doz. ostrich dusters @ \$18.50.....	9 25
May 30	1 " tumblers.....	65
Apr. 25	1 " 20 in. dusters.....	18 50
Jan. 3	1/4 " ".....	9 25
	1/4 " engraved tumblers @ \$1.25.....	62
	1/4 " plain tumblers @ 65c.....	33
	1 " ".....	65
5	2 china cuspidors @ \$1.00.....	2 00
-1	ice pitcher.....	1 00
	1 alop bowl.....	50
	1 tray.....	75
	1/4 doz. 20 in. ostrich dusters @ \$18.50.....	9 25
13	1 " tumblers.....	65
	1/4 " ostrich dusters @ \$18.50.....	9 25
18	1-8 " " 18.50.....	3 06
31	5-15 " " 18.50.....	7 71
Feb. 16	3 8-gal. porcelain coolers @ \$7.81.....	23 43
	1-6 " ".....	5 94
Mar. 21	1/4 doz. 20 in. ostrich duster @ \$18.50.....	6 17
23	1/4 " 20 " " 18.50.....	9 25
May 13	2 " tumblers @ 65c.....	1 30
	1 " engraved.....	1 25
	M. C. E. R. Co.,	
	For freight.....	39
	<i>Allowed June 28, 1898.</i>	
June 10	R. L. Polk & Co.,	
	For 1 copy Michigan Gazetteer 1898-4.....	5 00
	Pay roll engineer, mechanics, etc.,	
	Thos. Hill, engineer, 1 month.....	123 38
	Addison Childs, assistant engineer, 1 month.....	75 00
	George Wilcox, night watch, 30 days @ \$2.25.....	67 50
	A. C. Cady, " 30 " 2.25.....	67 50
	J. E. Sherman, day " 80 " 2.25.....	67 50
	Chas. D. White, " 80 " 2.25.....	67 50
	Jeremiah Mahoney, fireman, 1 month.....	50 00
	Henry D. Humphrey, running elevator 30 days @ \$3.00.....	90 00
	Fred B. Lee, " 26 " 2.00.....	52 00
	Wm. Shuttleworth, painter, 26 " 2.50.....	65 00
	A. M. Malins, carpenter, 26 " 2.50.....	65 00
	Wm. Balston, steam fitter, 30 " 2.50.....	75 00
	W. H. Berry, helper, 1 month.....	60 00
	Wm. Shaffer, janitor, 1 ".....	60 00
	John L. West, " 1 ".....	60 00
	B. S. Frouy, " 1 ".....	60 00
	George Randall, " 1 ".....	60 00
	D. Armstrong, " 1 ".....	60 00
	John Broad, " 1 ".....	60 00
	Frank Arnold, " 1 ".....	60 00
	Thos. Taylor, " 1 ".....	60 00
	A. M. Dobbs, " 1 ".....	60 00
	Leo Larkins, " 1 ".....	60 00
	J. W. Kincaid, " 1 ".....	60 00
	Algernon Owens, " 1 ".....	60 00
	Amount carried forward.....	\$46,057 98

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Engineer vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
	Amount brought forward	\$46,057 98
	Pay roll:	
	Chas. Sodergreen, janitor, 1 month.....	60 00
	James O. Linney, " 1 "	60 00
	Henry Truax, " 1 "	60 00
	Robert Larzelere, " 14 days @ \$2.00.....	28 00
	Wm. Hoffman, " 28 " 2.00	56 00
	Jack Born, " 1 month.....	60 00
	John Kennedy, " 26 days @ \$1.75.....	45 50
	Thos. Fitzgerald, " 26 " 1.75	45 50
	John H. Spears, laborer, 26 " 1.75	45 50
	Ben F. Ross, " 26 " 1.75	45 50
	Rebecca Petty, janitress, 1 month.....	50 00
	James Juleff, stone mason, 25 days @ \$3.25.....	81 50
	Henry Deckle, laborer, 25 " 1.75	45 50
	A. Cavanagh, painter, 10 " 2.50	25 00
	E. McCarthy, " 10 " 2.50	25 00
Apr. 27	Darius D. Thorp,	
	For grinding two mowing machine knives.....	3 00
	Lansing Gas Light Co.,	
	For gas supplied during the month of June, 1893:	
	capitol building..... 124,600 cu. ft.	
	old office building..... 2,500 " "	
	aggregate cu. ft. consumed..... 127,100 @ \$1.50 per M ft.....	190 65
June 15	Michigan Supply Co.,	
	For 2 No. 12 Draper oil cans @ 25c.....	50
24	2 " 13 " 80c.....	60
	1 " 10 decorated shade.....	1 25
	18 s. c. gas globes @ 40c.....	7 20
	27.2 ft. 1/4 pipe, 2 lengths, @ 2c.....	54
	2 1/4 lb locknuts @ 2c.....	04
	1 1/4 pillar cock.....	25
	14 feet silk tubing @ 20c.....	2 80
	1 burner and cup.....	10
	1 goose neck.....	20
	12 1/4-foot tips.....	20
	1 1/2 lbs Garlock packing @ 80c.....	1 45
19	Michigan Central R. R.,	
	For freight.....	40
9	Jacob Iron,	
	For 3 feet German silver moulding @ 10c per foot.....	30
27	Toolan & Baney,	
	For 6 1/2 ct. P. B. gas fixtures and globe holders @ \$3.50.....	21 00
	W. B. Stone & Co.,	
	For 400 ft. 1x12, 16 @ \$18.00.....	7 20
	160 ft. 15/16x8, 16 20.00.....	3 20
May 17	Board of Water Works & Electric Light Commissioners,	
	For 30 16 C. P. inc'dts globes, @ 65c.....	19 50
June 5	electric light for month of May.....	428 98
Apr. 25	J. S. Godfrey & Son,	
	For cleaning 50 yards carpet, @ 3 1/4c.....	1 75
	1 rug.....	10
May 15	laying 50 yards carpet, @ 2 1/4c.....	1 25
Apr. 27	cleaning 89 yards carpet, 3 1/4c.....	3 12
	H. D. Luce,	
	For 23 lbs. sulphuric acid, @ 3 1/4c.....	77
June 15	2 cases toilet paper, @ \$10.50.....	21 00
	10 lbs. roll sulphur, @ 4c.....	40
Apr. 25	C. Alsdorf & Son,	
	For 2 lbs. Wheeler's wood filler.....	32
May 5	5 lbs. pulv. pumice stone, 50c; 1 gal. sub. shellac, \$1.50.....	2 00
	2 gal. alcohol, \$5.00; 129 lbs. sulphuric acid, \$2.58.....	7 58
	12 lbs. chlo. lime, \$1.50; 1 doz white wing soap, \$3.00.....	4 50
	3 hair brushes, \$3.00; 3 do., \$2.25.....	5 25
10	1 gal. machine oil.....	40
24	1 doz. whisk brooms.....	1 75
	6 hair brushes.....	6 00
	6 doz. toilet soap.....	9 00
	1 doz. combs.....	1 50
	1 doz. large sponges.....	4 00
	6 feather dusters, 20 inch.....	9 08
	Amount carried forward	\$47,559 04

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed June 28, 1893.</i>		
May 24	Amount brought forward	\$47,559 04
	C. Alsdorf & Son,	
	For 12 ribbon glue	2 40
	8 paint brushes	1 90
	1 wall paper brush	1 00
	1 lb. drop black in japan	50
	1 gal. turpentine	50
	1½ lb. dry Indian red	38
Mar. 31	Chas. M. Norton,	
	For 1 malleable rake	25
	5 lbs 20 w nails	13
	5 " 20 " "	13
May 8	2 Yale night locks	4 00
9	2 blank keys	10
10	1 Yale draw lock	1 00
23	1 door knob	10
26	1 Yale desk lock	1 00
	¾ lb cotton rope	10
	8 doz. key blanks	1 80
Jan. 16	M. J. & B. M. Buck,	
	For 4 set castors	3 00
June 24	J. Stahl,	
	For 1 snath	50
	1 scythe stone	10
	17 corr. steel blank	1 70
27	72½ lbs solder for repairing roof on capitol @ 20c	14 50
	86½ lbs cold rolled copper for repairing roof on capitol @ 30c	25 88
	5 sheets 20x28 ix tins	1 00
	15 lbs galv. iron tubes	1 87
	9½ lbs copper tubes	5 70
	11 bu. charcoal	1 65
	19½ days' labor, Ed.,	58 50
	17½ " " Albert,	26 25
2	1 oil stone	50
	¼ doz. nickel brass cuspidors @ \$12.00	3 00
	2 brass flush bolts	80
	8 pair 3x3 bronze butts @ 35c	1 05
5	repairing con. pipe old capitol	75
12	2 brass olives @ 45c	90
15	6 blank Yale keys @ 10c	60
	1 keg 8d wire nails	2 85
	1 " 10d " "	2 25
	1 iron T kettle	65
17	20 ¾x8 washers @ 2½c	40
	10 ¾x8½ @ 2½c	25
20	6 blank keys @ 12½c	75
22	1 keg 10d w nails	2 25
	1 gal. nubia varnish	2 50
23	2 hoes @ 35c	70
	1 scythe	85
	8 sickles @ 25c	50
	10 quires No. 1 sand paper @ 15c	1 50
	6 " " 0 " " 15c	90
	1 gross 1¼ No. 10 screws	40
	1 " 1½ " 10 "	35
	1 " 1¾ " 12 "	55
	1 set plate castors @ 15c	60
May 3	Wells & Clear,	
	For 6,030, 5,900, 5,850, 5,810; May 6, 5,800; May 8, 5,710; May 10, 5,450; May 12, 5,840; May 15, 6,110: 52,440 lbs grate coal @ \$5.14 per ton	134 77
June 24	Lansing Art Stone Co.,	
	For 2 barrels Dyckerhoff cement	8 00
	Total for general allowance	\$47,883 58
BINDING.		
<i>Allowed January 25, 1893.</i>		
Jan. 18	Robert Smith & Co.,	
	For blocking 2 letter heads, sam. 47	\$0 64
	" 5 note " " 48	05
	Total for binding	\$0 09

ANNUAL REPORT OF THE

Engineer vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
Jan. 26	<i>Allowed February 28, 1898.</i>	
	Robert Smith & Co.,	
	For 500 envelopes, sam. 18.....	39 40
	1,000 letter heads ruled, sam. 50.....	90
	1,000 note " " " 49.....	90
	Total for printing.....	\$2 20
	RECAPITULATION.	
	General allowance.....	\$47,862 58
	Binding.....	00
	Printing.....	2 20
	Total allowance for Engineer.....	\$47,864 87

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 12	H. A. Whitney, For expenses incurred in conveying Jos. Stall from Calhoun county to State Public School: railroad fare to Albion	\$0 75
	lunch for self and boy	25
	fare to Jonesville	65
	" Coldwater	55
	hack to School	50
13	hotel over night	1 00
	fare to Jonesville	55
	" Albion	65
	lunch	15
	fare, Battle Creek	75
Mar. 11	conveying John Shaffer from Battle Creek to State Reform School: hack to train, self and boy	50
	1/4 fares to Lansing	1 35
	3 car fares, 15c; fare to Battle Creek, 75c	90
	1 day	3 00
June 2	conveying Wm. Stall from Marshall to Reform School: railroad fare to Jackson, self and boy	1 90
	dinner for boy	25
	fares from Jackson to Lansing	2 30
	lunch, 15c; fare to Battle Creek, 95c	1 10
	one day	3 00
1891	services and expenses as county agent of Calhoun county	
Oct. 13	investigating home of A. A. Cowles, applicant for child from State Public School, one day	3 00
	team	1 00
Dec. 25	telephone twice	50
31	visiting Arthur Jennison, living with E. Bell at Joppa, one day	3 00
	railroad fare	1 00
1892		
Jan. 29	investigating home of W. S. Simons who is an applicant for a child from State Public School	3 00
	paid for team in above case	1 25
Feb. 25	visiting Ida Blockford, with Mrs. Powell, Battle Creek, one day	3 00
Apr. 12	visiting May Rose Smith, with Mr. Gorsline, one day	3 00
	team 12 miles	1 50
15	went to Burlington to investigate homes of W. Barkhart, Mrs. Tonceist and Willard Hyatt, 1 day	3 00
	fare to Homer	80
	" Burlington	40
	team	1 00
	dinner 25c; fare to Homer, 40c	65
	fare to Battle Creek	80
27	visiting Lena Chapman, with Mr. Conright, Battle Creek, 1 day	3 00
May 16	" May Nichols, with J. H. Hatter, Newton township, team	1 50
	one day	3 00
21	investigating home of E. Percival, applicant for child from State Public School, 1 day	3 00
	fare to Home	80
	dinner, 25c; fare to Athens, 25c	50
	fare to Battle Creek	75
June 9	visiting Eugene Munn with Truman Brown one day	3 00
May 10	Frank C. Platz, For services and expenses as county agent of Presque Isle county: investigating the home of Aaron Kelley	3 00
	livery hire	1 50
11	investigating the home of E. B. Smith	3 00
	livery hire	1 50
20	investigating home of Chas. Fisher	3 00
July 8	J. H. Livesay, For expenses incurred in conveying Royal P. Drake from Lenawee county to State Public School: 1 return ticket to Coldwater	2 70
	1/4 fare	85
	street car fare	10
	hack hire	50
	1 meal	50
	Amount carried forward	\$79 00

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$79 00
June 28	Elmer E. Stamp, For services and expenses as county agent of Cass county: visiting home of Harley Higgins	3 00
	livery in case	2 00
	visiting home of Geo. Hays	3 00
	livery	3 00
	dinner and horse feed	75
July 20	S. R. Wheeler, For expenses incurred in conveying Lucinda Stall from Washtenaw county to State Public School: half fare for Lucinda Stall from Dexter to Jackson	45
	from Jackson to Coldwater	65
	hack fare from Coldwater depot	25
	fare for S. R. Wheeler from Jackson to Coldwater	1 30
20-21	hack	25
	supper, lodging and breakfast	1 50
	railroad fare for self from Coldwater to Jackson	1 30
	lunch at Coldwater	15
June 18	William Skinner, For conveying Chas. Black from Fort Gratiot to State Reform School: 2 fares to Lansing, @ \$2.29	4 58
19	1 fare from "	2 29
18	2 suppers at Union Hotel, @ 50c	1 00
	hack	1 00
	one lodging and breakfast, Lansing	1 00
18-19	two days' service, @ \$3.00	6 00
July 4	James A. Huntton: For conveying Earl Campbell from St. Johns to State Reform School: 1 day to Reform School	3 00
	team	3 00
	one meal self and team	75
9	W. H. Fonda, For conveying Garry Wall from Battle Creek to State Reform School: 1½ fares	1 35
	dinner for boy	25
	paid car fare	15
	fare to Battle Creek	90
	one day	3 00
Sept. 30	Geo. W. Woodward, For services and expenses as County Agent Oceana County: inspection of county jail and report, one day	3 00
	railroad fare to county seat and return	60
Oct. 19	dinner	35
	attending trial of Joe Moes	3 00
	railroad fare to Rothbury and return	50
Dec. 19	one meal	25
	investigating case of Hattie Coon, charged with vagrancy, on request of Justice Crawford	3 00
	railroad fare to Rothbury and return	50
1892		
Feb. 27	inspecting and reporting condition of county jail, one day	3 00
	railroad fare and return	60
	one meal	35
May 6	visiting home of Emanuel Hansen, with W. P. Harding, and report of same, request of W. H. Wisand, Superintendent, State Public School, 1 day	3 00
	railroad fare to Pentwater and return	80
	lodging and two meals	95
9	visiting home of Edward Kenney, applicant for boy from State Public School	3 00
June 6	livery	75
	visiting home of Mrs. Mary Hopkins, applicant for a boy from State Pub- lic School, on request of W. H. Wisand	3 00
	railroad fare to Mears and return	50
	one dinner	25
Apr. 8	John M. Eversden, For services and expenses as county agent of Gratiot county: visiting Lottie Vargason, a ward of the State Public School, living with Jas. Street at Wheeler, one day	3 00
	railroad fare and return, \$1.35; dinner, 35c	1 60
9	visiting Alma and Ashley in the case of the transfer of Nettie Grey from the home of J. L. Haskell to the home of J. A. Moore at Ashley, 1 day	2 00
	railroad fare, 85c; dinner, 55c	1 20
	Amount carried forward	\$161 17

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
	Amount brought forward	\$161 17
May 17	John M. Everden, For visiting home of Jacob Hansen, an applicant for a child from the State Public School, one day	\$ 00
	paid for livery in above case	2 00
18	visiting home of Robt. Lewis, an applicant for a child from the State Public School, one day	3 00
	paid for livery in above case	1 50
20	visiting home of E. D. Phillips, St. Louis, an applicant for a child from the State Public School, one day	3 00
	railroad fare, 50c; bus, 25c; dinner, 50c	1 25
23	visiting home of Mrs. G. B. Goffe, an applicant for a child from the State Public School, one day	3 00
	railroad fare to St. Louis and return	50
	bus, 25c; dinner, 50c	75
	livery in above case	1 25
June 3	visiting home of Daniel Griffith, also home of Mary Roop, same place, looking up Albert Roop, a ward of the State Public School, one day	3 00
	railroad fare, 50c; bus fare, 25c	75
	dinner	50
8	visiting home of Fred Newton, an applicant for a child from the State Public School, 1 day	3 00
	livery	2 00
April 12	Jas. Gallagher, For services and expenses as county agent of Mackinac county: 1 day, visiting Geo. Mianer, indentured to M. A. Metivier at St. Ignace	3 00
	fare to St. Ignace and return	50
	dinner at St. Ignace	50
18	1 day at Bois Blanc island visiting Chas. Smith, indentured to Jno. Green, and Chas. Van Alstein, indentured to Jno. McRae	3 00
	dinner at Bois Blanc	50
	tug boat hire, 1 day	10 00
June 29	Jas. P. King, For conveying Sam'l Carpenter from Ithaca to State Reform School: car fare, self and child, Ithaca to Lansing	3 50
	dinner at Lansing, self	40
	car fare, Lansing to Ithaca	1 75
	supper at Owosso	35
	bus fare at Ithaca	50
	1½ days' time, @ \$3.00	4 50
27	Mrs. A. A. Reid, For expenses incurred in conveying Geo. Leroy Green, Orrie A. Green and Dolly Green from Ingham county to State Public School: fare, self, Lansing to Coldwater	2 40
	hack	50
	fare, two children, Lansing to Coldwater	2 40
	lunch for children and self	50
28	hack hire, Coldwater	1 00
	"	50
	hotel bill	1 00
	fare, Coldwater to Lansing	2 80
	hack at Lansing	25
July 14	P. E. Witherspoon, For expenses incurred in conveying John E. Eugene, Nettie V. Bailey and John C. Bailey from Harrison to State Public School: railroad fare, self, Reed City from Harrison	1 65
	" " John C. Bailey " "	85
	" " Eugene " "	85
	dinner for self and three children at Reed City	1 25
	railroad fare, Reed City to Coldwater, self	5 30
	" " " " " boy	2 35
	" " " " "	2 35
	supper, Grand Rapids, self and children	1 00
15	lodging and breakfast at Sturgis	3 00
	bus, Coldwater	1 00
	dinner, Coldwater	50
	railroad fare to Lansing from Coldwater	2 30
	" " Lansing to Harrison	3 50
16	breakfast at Owosso	50
	dinner and supper at Clare	1 00
Apr. 5	Chas. D. Blanchard, For services and expenses as county agent of Marquette county: investigating case of C. Harrington and Jas. Carr, before justice of peace, one day	3 00
	Amount carried forward	\$250 02

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$250 02
Apr. 13	Chas. D. Blanchard, For transportation, Marquette to Ishpeming and return	1 20
	dinner at Ishpeming	50
	investigating case of Wm. Cornish and Thos. Culbert, larceny, before police justice, 1 day	3 00
	transportation, Marquette to Ishpeming and return	1 20
	dinner at Ishpeming	50
May 11	investigating case of Eugene McConnell for truancy, one day	3 00
18	investigating case of Albert York, larceny	3 00
	investigating case of Lizzie Morris and Annie O'Shea, charged with assault and battery	3 00
June 30	postage and stationery during the quarter ending June 30, 1892	75
23	Stephen G. Fishbeck, For services and expenses as County Agent of Livingston county: visiting Arthur Rily, living with Albert Clark	3 00
	livery	2 00
Mar. 25	Herman Owen, living with John Lockwood	3 00
June 24	Ira Reggetta, living with David Reggetta	3 00
25	Fred Schanert, living with Frank Vogt	3 00
	livery	1 50
27	Elmer Smith, living with Fred Wainwright	3 00
	railroad fare	80
	livery	1 50
	dinner and supper	50
28	John Friesenfelt, living with Thos. Westmorland	3 00
29	Floyd Boyce, living with Fannie Boyce	3 00
	railroad fare	50
	livery	1 50
	supper	25
30	Frank Higgins, living with John Jeffry	3 00
Feb. 21	John W. Nicholson, For services and expenses as county agent of Lake county: investigating home of H. H. Little, an applicant for child from State Public School, 1 day	3 00
May	investigating present whereabouts of Arthur F. Rogers, ward of State, who ran away from his guardian in Mason county, 1 day	3 00
2	railroad fare to Baldwin and return	1 80
	G. W. A. Armitage, For services and expenses as county agent of Monroe county: visiting John Fett, ward of the Reform School, 1 day	3 00
	livery	1 00
June 27	Wm. J. Robinson, For services and expenses as county agent of Lapeer county: investigation and report Wm. Thomas before justice of peace	3 00
	railroad fare to Imlay City and return	50
	dinner	50
July 2	investigation and report, case of Frank Woodfry	3 00
	railroad fare to Imlay City and return	50
	dinner at Imlay City	50
7	investigating the home of Alonzo Durphy, applicant for child from State Public School	3 00
	livery to go to Burlington	3 00
	dinner and horse feed	75
8	investigating home of Marge Estel, applicant for child	3 00
9	visiting Geo. Scott, residing with J. H. Johnson	3 00
	livery hire	2 00
11	visiting Loretta Caler and Fred Wood, residing with Austin Johnson	3 00
	Mertie Horton and Augusta Ludwig, residing with W. A. Johnson	3 00
	livery hire to Easy	3 00
	supper, breakfast and horse feed	1 00
13	visiting Albert Walker, residing with Chas. Cooley	3 00
	livery hire	1 00
14	visiting Martin Sweet, residing with John C. Smith	3 00
	livery	1 50
15	visiting Francis Lusignean, with C. Reamer	3 00
	livery	1 00
16	visiting Roy Maloy, residing with H. Lamphire	3 00
	livery hire	2 00
18	visiting Wm. H. Bennington with Mrs. E. A. Seeley	3 00
	livery hire	1 50
8	Jacob Bernatz, For conveying Ira Monks from Port Huron to State Reform School: fare for prisoner from Pt. Huron to Lansing	3 30
	Amount carried forward	\$306 97

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward.....	\$366 97
July 8	Jacob Bernatz, For fare for officer from Pt. Huron to Lansing and return.....	4 00
	hack at Port Huron, going.....	50
	hack at Lansing.....	75
8, 9	supper, bed and breakfast.....	1 50
	2 days, @ \$3.00.....	6 00
	2 lunches.....	50
	hack at Port Huron.....	25
May 27	Chas. D. Petershans, For services and expenses as county agent of Tuscola county: investigating cases of Dennis Linder and Henry Heardy, charged with lar- ceny.....	3 00
28, 29	2 days' board at Caro.....	1 00
	stationery and postage.....	10
June 20	investigating case of Maud C. Chappell, charged with truancy, before justice of peace.....	3 00
	breakfast, dinner and supper.....	50
15	Stephen G. Fiahbeck, For services and expenses as county agent of Livingston county: investigating the home of John Jeffry.....	3 00
	railroad fare.....	50
	livery.....	1 50
	dinner, self and horse.....	50
	investigating case of Fred Isamey for larceny before Geo. B. Raymour, jus- tice of peace.....	3 00
July 6-7	Joseph S. Hilton, For conveying Geo. Benard from Monroe to State Reform School: hack at Monroe.....	50
	railroad fare for self and boy from Monroe to Lansing.....	6 50
	return fare for self.....	3 25
	dinner at Lansing.....	50
	supper, lodging and breakfast at Detroit.....	1 50
	1½ days' service @ \$3.00.....	4 50
June 25	Frank D. Mead, For services and expenses in Supreme Court in the case of the People vs. Ida Peterson: bus fare, Escanaba.....	25
	sleeper to Chicago from Escanaba.....	2 00
	railroad fare from Escanaba to Chicago.....	9 65
26	hotel bill in Chicago.....	2 50
	railroad fare, Chicago to Lansing.....	5 05
	sleeper, Chicago to Lansing.....	2 00
	bus fare in Chicago.....	58
27	hotel bill in Lansing, 2½ days.....	25
29	bus fare.....	5 50
	railroad fare to Chicago from Lansing.....	25
30	bus fare, Chicago.....	5 05
	hotel bill, Chicago.....	25
29	hotel bill, Chicago.....	2 50
30	sleeper to Chicago to Escanaba.....	2 00
	railroad fare, Chicago to Escanaba.....	9 65
July 1	breakfast, Marinette, Wis.....	50
	bus fare, Escanaba.....	25
	5 days' attendance Supreme Court.....	50 00
	Dr. J. W. Finch, For expenses incurred in conveying Wallace J. Marvin from Lenawee county to State Public School: 1 ticket to Coldwater and return.....	3 70
	one half ticket to Coldwater.....	85
	hack to School.....	50
	dinner at Coldwater.....	50
June 14	street car, Adrian.....	15
	Geo. E. Cole, For conveying Nelson Seirls from Oxford, Michigan, to State Reform School: one days' time conveying Nelson Seirls to Reform School, at Lansing, Mich. dinner, self and boy, @ 50c.....	3 00
	railroad fare, Oxford to Lansing, self.....	1 00
	boy.....	2 30
	hack fare at Lansing.....	2 30
	telephone to judge of probate.....	50
	supper and lodging, Lansing.....	20
	Amount carried forward.....	1 00
		\$529 07

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$529 07
June 15	Geo. E. Cole,	
	For breakfast and lodging	50
	dinner at Griswold House, Detroit	50
	railroad fare, Lansing to Oxford	2 30
	one day	3 00
July 1	Martin E. Miller,	
	For services and expenses as county agent of Shiawassee county:	
	Investigating home of Alice Van Riper, an applicant for child from State	
	Public School, one day	3 00
	car fare to Shafteburg and return	1 40
	supper for self	35
8	visiting Chas. McConnell, a ward of the State Public School, living with	
	Angeline Briston, half day	1 50
	car fare to Bennington and return	40
	dinner for self	35
	visiting Mary A. Webb, a ward of State Public School, living with E. P.	
	Bliss, half day	1 50
	car fare to Henderson and return	40
	supper for self	35
12	visiting Jessie Palmer, a ward of State Public School, living with Ursula M.	
	Borpee, and visiting Ida May Whitney, a ward of State Public School, 1	
	day	3 00
	car fare to Brent Creek	90
	dinner for self	30
	livery	50
	supper, lodging and breakfast	1 00
13	Investigating home of A. McKay, applicant for child from State Public	
	School, and investigating home of Chas. H. Potter, an applicant for child	
	from State Public School, 1 day	3 00
	livery	1 00
	supper for self	35
	car fare home from Chesaning	45
15	visiting Leonora H. Farmour, a ward of State Public School, living with J.	
	Leatherman, and visiting Stella Creps, a ward of the State Public School,	
	1 day	3 00
	paid for livery in above cases	1 00
	car fare to Henderson and return	40
	supper for self	35
16	visiting Edward Kegley, a ward of the State Public School, living with	
	Edward Prior, 1 day	3 00
	car fare	50
18	dinner and supper	70
	visiting Bertha McCormick a ward of the State Public School, one day	3 00
	car fare to Ovid and return	50
	dinner and supper for self	60
	livery	75
June 18	visiting Pearl Hoover one of the wards of State Public School	3 00
	livery	1 00
20	finding home for Susan Jane Allen one of the wards of State Public School	
	car fare	1 45
	one supper	35
22	visiting Belle Brown one of the wards of the State Public School	1 50
	livery	1 00
	W. H. Faxon,	
	For services and expenses as county agent of Clinton county:	
Feb. 26	visiting jail one day	3 00
	paid railroad fare	60
Mar. 10	Investigating case of Fred Weaver charged with destruction of property	
	before justice of the peace	3 00
	car fare to St. Johns	60
11	Investigating case of Geo. H. Hinchliff charged with destruction of property	
	car fare to St. Johns	3 00
12	Investigating cases of the following boys for destruction of property before	
	justice of the peace: Louis DeWitt, Arthur Carpenter, Orle Thomas, John	
	Schneider, Fred Farero, Fred Bom, John Williams and Jas. Stevens, 1 day	
	railroad fare 80c. dinner 25c	3 00
	visiting Dolly Hornbecker (no charge)	35
Feb. 26	visiting and transferring Robb Lindsey to new home, 1 day	3 00
Mar. 21	paid for livery	1 50
	dinner	25
April 30	visiting Jos. Johnson and Carrie E. Smith	1 00
May 14	" Chas. Thurston with Theo. Curtis	1 00
June 20, 21	" Walter S. Allen, Zoa McNoit and Mand Perkins	3 00
	Amount carried forward	\$602 32

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
June 23	Amount brought forward	\$602 82
	Wright Havens,	
	For services and expenses as county agent of Crawford county:	
	visiting Fred Hartwick, a ward of Reform School, living with his mother,	
	Mrs. Marion, one day	3 00
	livery in above case	2 00
July 22	Fred Rode,	
	For services and expenses as county agent of Newaygo county:	
	investigating the home of Wm. De Long, one day	3 00
	railroad fare to Lilley, and return	1 55
	livery from Lilley to Beaver township	3 50
	dinner for self, 50c; horse feed, 50c	1 00
Apr. 29	Levi T. Hull,	
	For services and expenses as county agent of St. Joseph county:	
	investigating the home of Mrs. W. N. Johnson in Burr Oak, an applicant	
	for child from State Public School, one day	3 00
	car fare	1 10
	paid for livery	2 00
	dinner at hotel	25
30	investigating homes of Barak O. White in Leonidas and Sarah Dutton in	
	Mendon, applicants for children from State Public School, one day	3 00
	paid for livery in above cases	2 50
	dinner and horse feed at hotel	50
June 9	visit to home of Wm. J. Miller in Leonidas, to settle with him on account	
	of Beva M. Barton, one day	3 00
	livery in above case	2 50
	dinner and horse feed at hotel	50
25	investigating charges of ill treatment of Clara Arnold, ward of State Pub-	
	lic School, made against Geo. Dunning, township of Sturgis, one day	3 00
	livery in above case	2 00
	dinner and horse feed at hotel	50
Apr. 29	investigating the home of Wm. A. Atkins, charged with truancy before	
	Lewis Rhoades at White Pigeon, one day	3 00
	livery	1 00
7	Tracy L. Towner,	
	For services and expenses as county agent of Washtenaw county:	
	investigating home of Julia Coombe, an applicant for return of children,	
	one day	3 00
	car fare to Ann Arbor and return	25
	dinner at Ann Arbor	50
18	investigating home of Simon Kress, an applicant for child from State Public	
	School, one day	3 00
	livery	1 50
29	visiting Ben. Slater, a ward of State Public School, living with Theo. S.	
	Allen, one day	3 00
	car fare to Manchester and return	1 50
	livery	1 50
May 16	investigating home of Helen McAndrew, an applicant for child from State	
	Public School	3 00
18	conveying Albert Haneser from Ann Arbor to State Reform School:	
	fare, Ypsilanti to Ann Arbor	15
	fare, Ann Arbor to Lansing	3 80
	dinner at Lansing	50
	fare, Lansing to Ypsilanti	2 15
	fees	3 00
April 30	investigating case of Edward Worser, charged with larceny before N. G.	
	Butts, one day	3 00
	car fare to Ann Arbor and return	30
	dinner at Ann Arbor	50
28	investigating case of Albert Hauser, charged with truancy, before N. G.	
	Butts, justice of the peace	3 00
	car fare to Ann Arbor and return	30
	dinner at Ann Arbor	50
May 4	investigating cases of Lewis Ogen, Geo. Hession and John Balus, charged	
	with larceny, before justice of the peace	3 00
	car fare to Ann Arbor and return	30
	dinner at Ann Arbor	50
7	investigating case of Mary Ella Bices, charged with being disorderly, before	
	justice of the peace	3 00
17	investigating case of Albert Hauser, charged with truancy, before justice of	
	the peace	3 00
	car fare to Ann Arbor and return	30
	Amount carried forward	\$688 82

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$688 82
May 17	Tracy L. Towner, For dinner at Ann Arbor.....	50
June 30	Investigating homes of Mrs. Spaulding and Mrs. Yarndt, applicants for return of children from Industrial Home.....	3 00
July 14	Thos. Keys, For car fare, Ann Arbor and return.....	30
	For expenses incurred in conveying Fred Whitney from Ionia county to State Public School: one railroad ticket from Ionia to Coldwater, self.....	3 45
	one half ticket for Fred Whitney.....	1 75
	bus hire from Coldwater to school.....	75
	dinner, supper, lodging, Coldwater.....	1 50
	breakfast and dinner, Coldwater.....	1 00
	ticket from Coldwater to Ionia.....	3 45
	supper at Lansing.....	50
1	services and expenses as county agent of Ionia county: investigating the case of Atwood Bennett charged with assault and battery before justice of the peace, one day.....	3 00
9	livery investigate the case of Edith Lempke, destruction of property, before jus- tice of the peace.....	2 00
	Allen Keen, For services and expenses as county agent of Isabella county: investigating arrest of Angeline Kender.....	3 00
Apr. 30	livery.....	2 00
	horse feed 25c, dinner 25c.....	50
	fees.....	3 00
11	Minnie Broughton visit: livery.....	3 00
	fees.....	2 25
12	dinner.....	25
	visiting Gilbert E. Burnett: fees \$3, livery \$3.....	6 00
	horse feed 25c, dinner 25c.....	50
May 18	investigating home of Emil Haenke: livery \$1.50, fees \$1.50.....	3 00
June 10	Pearl Moss visit, fees.....	3 00
	livery.....	2 00
	horse feed 25c, dinner 25c.....	50
	Samuel W. Oberholtzer, For expenses incurred in conveying Jesse Cole of Torch Lake township to State Public School: stage fare, self and child, Torch Lake to Bellaire.....	1 25
27	dinner.....	50
	stage fare, self and child, Bellaire to Mancelona.....	1 25
	supper and lodging.....	1 00
28	car fare, self and child, Mancelona to Grand Rapids.....	7 50
	Grand Rapids to Sturgis.....	3 25
	bus, self and child, at Sturgis.....	25
	dinner.....	50
	car fare, self and child, Sturgis to Coldwater.....	70
	carriage self and child to School.....	1 00
	car fare, Coldwater to Sturgis.....	70
29	supper and lodging.....	50
	hack fare at Sturgis.....	25
30	car fare, Sturgis to Grand Rapids.....	2 70
	breakfast.....	25
	car fare, Grand Rapids to Traverse City.....	5 50
	Traverse City to Elk Rapids.....	50
	dinner and supper en route.....	50
	stage fare, Elk Rapids to Torch Lake.....	1 00
July 5	Edward Taylor, For conveying Carrie May Noble from Jackson to State Industrial Home: hack to depot in Jackson.....	50
	one fare to Adrian, self.....	1 25
	fare for Carrie May Noble to Adrian.....	1 25
	hack to Industrial Home, Adrian.....	1 00
	dinner and supper.....	1 00
	hack at Adrian.....	25
	car fare to Jackson.....	1 25
	hack at Jackson.....	50
	1 day's services.....	3 00
	Amount carried forward	\$780 07

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
June 20	Amount brought forward.....	\$780 07
	Edward Taylor,	
	For services and expenses as county agent of Jackson county:	
	investigating case of Chas. E. Cross, charged with larceny before D. G.	
	Palmer, conveyance.....	75
	dinner.....	25
July 1	investigating charge of truancy of Carrie M. Noble before Horace Hunt,	
	livery.....	50
	dinner.....	25
7	investigating case of Eddie and Freddie Gotham, charged with larceny	
	before justice of peace.....	1 00
	dinner.....	50
9	investigating case of Nora Anderson, larceny.....	75
	dinner.....	25
	postage and stationery.....	64
12	conveying Nora Anderson from Jackson to State Industrial Home:	
	back to depot, Jackson.....	50
	1 fare for self to Adrian.....	1 35
	1/4 fare for girl.....	68
	back to school.....	1 00
	dinner and supper.....	1 00
	back.....	25
	return fare to Jackson.....	1 35
	back.....	50
	one day's services.....	3 00
June 6	attending trials of Claud Younge for larceny, before justice of the peace,	
	conveyance.....	50
	dinner.....	25
13	Claud Younge, larceny, conveyance.....	50
	Frank Caulkins, ".....	1 50
	dinner.....	40
18	conveyance to Geo. Osterle.....	1 00
	supper.....	1 00
21	livery 18 miles.....	2 25
	dinner and supper.....	75
July	investigating the home of Geo. Osterle, an applicant for child from Reform	
	School:	
	car fare to Grass Lake and return.....	80
June 18	conveyance to Geo. Osterle.....	1 00
	supper.....	50
21	livery 18 miles.....	2 25
	dinner and supper.....	75
July	investigating the home of George Osterle, an applicant for child from	
	Reform School:	
	car fare to Grass Lake and return.....	80
	livery.....	1 00
	dinner and supper.....	75
11	investigating the home of Sam'l Raven, an applicant for boy from Reform	
	School.....	25
	conveyance.....	2 00
13	investigating the home of J. R. Hull, an applicant for boy from Reform	
	School:	
	dinner.....	50
	conveyance.....	1 50
5	" to meet Clarence Wood.....	50
	dinner.....	50
15	conveyance to meet Johnnie Lunn.....	1 50
	dinner.....	50
June 20	investigating home of Mrs. Sidensticker, an applicant to have her daughter	
	restored from Industrial Home:	
	dinner and supper.....	1 00
	conveyance.....	- 2 50
July 19	Thos. Dawson,	
	For services and expenses as county agent of Macomb county:	
	visiting homes of Henry Howell and Julius Hintz, one day.....	3 00
20	visiting Frank Lemke, James Casseman, Walter Thompson and Chas.	
	Wagner.....	3 00
	livery.....	1 00
	car fare to Mt. Clemens and return.....	80
	street car fare.....	10
	hotel bill at Mt. Clemens.....	2 00
	livery, two days.....	3 00
	horse feed.....	50
	Amount carried forward.....	\$884 24

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$834 24
Apr. 12	Thos. Dawson, For investigating homes of Ezra Barr, Henry Wolf and Chas. Ditttrieh, one day. car fare	3 00 90
18	dinner, 50c; livery, \$1.50	2 00
	investigating home of John Hecht, 1 day	3 00
20	horse and carriage	1 50
	investigating home of Robt. Foulton and transferring boy Sylvester Ellis from John Hecht's to Foulton's, 1 day	3 00
May 6	livery	1 50
	investigating home of Fred Kerner, 1 day	3 00
	car fare, 90c; dinner, 50c	1 40
	carriage	1 00
June 24	visiting Lawrence Pelton and Sylvester Pelton at their home, and Chas. Wagner at the home of John A. Wolf, 1 day	3 00
	car fare, 90c; dinner, 50c	1 40
	livery	2 00
Feb. 12	inspecting jail, 1 day	3 00
	car fare, 90c; dinner, 50c	1 40
Mar. 12	investigating case of Margaret Snook and Anne Morgan at Mt. Clemens, larceny	3 00
	horse and buggy, \$1.00; car fare, 90c	1 90
	dinner	50
May 2	investigating case of Nettie Lee, 1 day	3 00
	livery, \$1.00; car fare, 90c	1 90
	dinner	50
Jan. 5	postage and stationery	1 50
	E. B. Evans, For services and expenses as county agent of Clare county: investigating the home of J. R. Rodgers, an applicant for a child from State Public School	3 00
	car fare to Clare and return	30
	dinner for self	50
May 17	visiting Mattie Ross, 1 day	3 00
	livery	2 00
	dinner for self, 25c; horse feed, 25c	50
June 16	visiting Clara Frankenburg and Lillie Outman, wards of State Public School, living with Jos. Hixon, 1 day	3 00
	car fare to Marion and return	1 60
	livery	2 00
	dinner and supper at Marion	50
Feb. 2	inspecting jail, 1 day	3 00
	car fare to Harrison and return	1 80
	dinner	25
Mar. 26	investigating the case of Cland Bush	3 00
	car fare to Clare and return	30
	dinner at Clare	50
May 30	investigating the case of Myrtle Rouse	3 00
	dinner	50
	livery, \$3.00; horse feed, 25c	3 25
Apr. 16	Alanson Partridge, For services and expenses as county agent of Oakland county: investigating home of Mrs. Julia Hopel, an applicant for a child from State Public School	3 00
	railroad fare to Davisburg and return	1 25
	livery	1 00
June 13	investigating home of Wm. Todd, an applicant for a child from State Pub- lic School	3 00
	livery	1 50
24	visiting Shamas Steel, living with Willard Tarbell	3 00
	livery	2 50
May 9	investigating case of Richard Willard and Floyd Crawford, larceny	3 00
	railroad fare to Pontiac and return	50
June 10	investigating case of Nelson Seville, larceny	3 00
	railroad fare to Oxford and return	1 25
	dinner and supper at Oxford	1 00
23	Chas. H. Waterloo, For services and expenses as county agent of St. Clair county: boat fare, Fort Huron	50
	dinner at "	40
25	visiting home of Geo. E. Smith, a ward of Reform School: livery	50
	Amount carried forward	\$984 67

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$284 67
May 24	Chas. H. Waterloo.	
	For visiting home of Peter Boulze, a ward of State Public School ½ day.....	1 50
	livery in above case.....	1 00
June 25	visiting home of Albert L. Bennett a ward of State Public School, Coldwater	1 50
	livery.....	50
	A. W. Moehler.	
	For services and expenses as county agent of Van Buren county:	
July 18	postage and stamped cards and envelopes.....	1 50
14	conveying Jessie Allen from Paw Paw to State Industrial Home:	
	hack at Paw Paw.....	50
	car fare Paw Paw to Kalamazoo.....	70
	car fare Paw Paw to Kalamazoo, girl.....	35
	dinner at American House, two.....	1 00
	car fare from Kalamazoo to Adrian.....	3 25
	car fare from Kalamazoo to Adrian, girl.....	1 65
	lunch at White Pigeon.....	40
	hack to school.....	1 00
	1 day's time.....	3 00
15	hotel bill Lawrence House.....	1 00
	street car fare to depot.....	05
	car fare from Adrian to Kalamazoo.....	3 25
	1 day's time.....	8 00
16	hotel bill American House.....	1 50
	car fare from Kalamazoo to Paw Paw.....	70
	hack at Paw Paw.....	25
	¼ day's time.....	1 50
13	investigating case of Jessie Allen charged with truancy before justice of the	
	peace.....	3 00
	car fare South Haven and return.....	2 00
	dinner and supper at South Haven.....	1 00
	car fare for girl from South Haven to Paw Paw.....	50
	Angus McDonell.	
	For services and expenses as county agent for Arenac county:	
June 1	investigating the home of F. F. Wiese an applicant for Lula Ryckman a	
	ward of State Public School, 1 day.....	3 00
	livery.....	1 50
5	investigating home of Herman Frede, an applicant for child from State	
	Public School, 1 day.....	3 00
	livery.....	1 00
16	visiting Mary Huff, a ward of State Public School.....	3 00
22	investigating the home of Alfred Hall, an applicant for child from State	
	Public School, 1 day.....	3 00
	livery.....	1 00
25	investigating the home of Mrs. Alice Lewis, an applicant for child from	
	the State Public School, 1 day.....	3 00
	livery.....	1 50
Aug. 3	investigating the home of Jos. Groes, an applicant for child from State	
	Public School.....	3 00
	livery.....	1 50
	dinner, 25c; horse feed, 25c.....	50
Oct. 4	visiting Jas. A. Green, a ward of State Public School, 1 day.....	3 00
	livery.....	1 00
Dec. 20	placing Lula Ryckman in a new home, 1 day.....	3 00
	livery.....	1 50
Mar. 2	visiting Lula Ryckman, a ward of the State Public School, 1 day.....	3 00
	stage fare.....	1 00
	hotel bill.....	75
25	investigating home of Geo. Nott, an applicant for Lula Ryckman.....	3 00
	livery.....	1 00
	fare from Au Gres to Omer.....	50
July 1	Wm. M. Hathaway.	
	For conveying Roroff Timmerman from Grand Rapids to State Reform School:	
	1 day's services.....	3 00
	street car fares, Grand Rapids.....	10
	railroad fares, self and boy to Lansing.....	3 90
	supper at school.....	
	bns, hotel to depot.....	25
	railroad, self, Lansing to Grand Rapids.....	1 95
	street car fares.....	10
18	conveying Augusta Makoweke from Grand Rapids to State Industrial	
	Home, two days' services.....	6 00
	expenses, street car fare.....	05
	hack.....	50
	Amount carried forward.....	\$1,028 87

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed July 27, 1892.</i>		
July 18	Amount brought forward	\$1,028 87
	Wm. M. Hathaway.	
	For railroad fare, self and girl, Grand Rapids to Adrian	8 10
	dinner, self and girl, White Pigeon	1 00
	hack, Adrian to Industrial Home	1 00
19	supper, lodging and breakfast, Home	
	railroad fare, self, Adrian to Grand Rapids	4 06
	dinner at White Pigeon	50
	car fare	06
May 8	A. B. BeDell.	
	For services and expenses as county agent of Menominee county:	
	investigating home of Pauline Lavaille:	
	railroad fare, Nadeau and return	2 50
	1 day, \$3.00; dinner, 50c; supper, 50c	4 00
June 29	conveying Willie Shields from Menominee to State Reform School:	
	bus, jail to train	50
	railroad fare, Menominee to Lansing, (2)	27 22
	supper, Marinette (2)	1 00
	two sleeping car berths	4 00
20	breakfast, Chicago, two	1 00
	dinner, Battle Creek (2)	1 00
	hack, Lansing to Reform School	1 00
July 1	supper, lodging and breakfast	1 50
	railroad fare to Menominee	18 61
	dinner and supper	1 00
	sleeping car, fare, Menominee to Chicago	2 00
2	breakfast, Marinette	50
	bus, Menominee	25
	four days' time	12 00
Apr. 25	investigating home of Adele Genor:	
	railroad fare to Nadeau and return	2 50
	dinner, 50c; supper, 50c	1 00
	one day's time	3 00
May 13	visiting Willie Powers:	
	railroad fare and return	1 80
	1 day, \$3.00; dinner, 50c; supper, 50c	4 00
8	William Dunn.	
	For services and expenses as county agent of Grand Traverse county:	
	visiting Lillian Hall at Traverse City and Chas. Deek at Acme by direction	
	of superintendent State Public School, one day	3 00
	car fare to Acme and return	1 00
	dinner at Acme	25
July 2	investigating homes of Rufus Barrett and Chas. Barrett, applicants for two	
	boys from State Public School, 1 day	2 00
	livery in above case	1 50
	dinner and horse feed	50
5	investigating case of Willie Sager, charged with larceny, before justice of	
	the peace	3 00
	car fare to Traverse City	30
	dinner at "	25
18	A. J. Campbell.	
	For conveying Ida Peters from Sault Ste Marie to State Industrial Home:	
	bus to depot, self and girl	50
	tickets to St. Ignace, self and girl	5 30
	ferry to Mackinaw, self and girl	1 00
	tea at Mackinaw station	1 00
	ticket to Detroit with sleeper, girl	12 50
	" " " self	12 50
19	breakfast at Bay City for two	1 00
	dinner at Detroit for two	1 00
	tickets to Adrian for girl and self	3 40
	tea at Adrian for girl and self	1 00
	carriage	1 00
20	ticket to Detroit, self	1 70
	dinner at "	50
	ticket to Mackinaw with sleeper	12 50
	tea at Bay City	50
21	breakfast at Mackinaw station	50
	ferry to St. Ignace	50
	ticket to Soo	2 90
	dinner at " Junction	50
	bus from depot	25
	per diem, 4 days @ \$3.00	12 00
	Amount carried forward	\$1,214 30

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$1,214 30
July 13	A. J. Campbell, For services and expenses as county agent of Chippewa county: attending Justice Warner's court and investigating case of Ida F. Peters a juvenile offender sentenced to Industrial Home	8 00
23	conveying Mary LaBat from Sault Ste. Marie to Industrial Home: bus to depot for 1	25
	tickets to Sturgis	13 40
	dinner at "Soo" Junction	50
	tea at Mackinaw	50
	lodging	50
24	breakfast "	50
	dinner at Cadillac	50
	tea at Grand Rapids	50
	bus at Sturgis from depot	25
	lodging	50
25	ticket to Coldwater	95
	breakfast	50
	dinner " self	50
	" girl	50
	ticket to Adrian, self	1 65
	" girl	1 65
	bus	1 00
	tea at Adrian, self	50
	lodging at Adrian, self	1 00
26	Sabbath at Adrian	1 50
27	breakfast at Adrian	50
	ticket to Sault Ste Marie	16 00
	dinner at Sturgis	50
	tea at Grand Rapids	50
	sleepers to Mackinaw	2 00
	breakfast	50
28	bus from depot	25
	5 days' time	15 00
	conveying Maggie Teeboux and Samuel Teeboux from Sault Ste Marie to State Public School:	
28	bus to depot for 3	75
	ticket to Sturgis, self	13 40
	" two half fares	18 40
	dinner "Soo" Junction, self	50
	" two children	1 00
	tea at Mackinac, self	50
	" two children	1 00
	lodging at Mackinac, self	50
	" two children	1 00
24	breakfast, " self	50
	" two children	1 00
	dinner at Cadillac, self	50
	" two children	1 00
	tea at Grand Rapids, self	50
	" two children	1 00
	bus, Sturgis, from depot	75
	lodging, Sturgis, self	50
	" two children	1 00
25	tickets to Coldwater, self	95
	" two children	95
	breakfast at Coldwater, self	50
	" two children	1 00
	bus to school	1 00
19	John O'Gorman, For conveying Charles Stoddard from Saginaw to State Reform School: railroad fares, Saginaw to Lansing, self and boy	2 70
	hack at Lansing	50
	dinner, "	50
	supper, "	50
	return fare, self	1 85
	hack fare, Saginaw	25
	1½ days' time	4 50
22	conveying Otto Geiger from Saginaw to State Reform School: hack at Saginaw, self and boy	50
	railroad fare for self and boy	8 70
	hack fare, Lansing	50
	dinner at "	50
	supper "	50
	Amount carried forward	\$1,840 00

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
	Amount brought forward	\$1,340 00
July 22	John O'Gorman, For return fare from Lansing	1 85
	hack fare at Saginaw	50
	1½ days' time	4 50
8	services and expenses as county agent of Saginaw county: investigating home of John Haskins, an applicant for a child from Cold- water School	3 00
	livery	1 00
	railroad fare to Freeland and return	1 20
	dinner	50
13	conveying Eadolph Zandor from Saginaw to State Reform School: hack at Saginaw	50
	railroad fare, self and boy Saginaw to Lansing	3 70
	hack at Lansing	50
	dinner	50
	supper	50
	return fare, self, from Lansing	1 25
	hack at Saginaw	50
	1½ days' time	4 50
15	conveying Alice Theedge from Saginaw to State Industrial Home: hack fare at Saginaw, self and girl	50
	railroad fare, Saginaw to Adrian, self and girl	8 00
	dinner for self and girl	1 00
	hack at Adrian, self and girl	1 25
	supper at Adrian	50
	return fare	4 00
	lodging at Jackson	75
16	breakfast at Jackson	25
	two days' time	6 00
	hack at Saginaw	25
June 13	Peter Dixon, For expenses incurred in conveying Benj. Willsey and Frederick Willsey from Saginaw county to State Public School: carriage at Saginaw	1 00
	two railroad fares to Jackson	5 50
	" " from Jackson to Coldwater	2 00
	dinner for three at Coldwater	75
	carriage to School	1 00
	supper, lodging and breakfast at Coldwater	1 50
14	railroad fare to Jackson	1 30
	railroad fare, Jackson to Saginaw	2 80
	supper at Lansing	50
July 6	Bob't W. Leighton, For expenses incurred in conveying Abraham L. Finch from Luce county to State Public School: railroad fare, self, from Newberry to Coldwater and return	29 94
	¼ fare for boy	7 45
7	breakfast at Bay City, self and boy	1 00
	dinner at Detroit, self and boy	1 00
	supper, lodging and breakfast at Detroit	3 00
8	dinner at Coldwater	50
	supper at Detroit	50
9	breakfast at Mackinaw	50
	sleeping car fare both ways	4 00
	bus fare in Coldwater	40
21	Murray Hatch, For transferring Bannan No. 5009 from Jackson to Ionia: hack to depot	50
	railroad fare, self and convict, from Jackson to Lansing, and return fare for self	3 10
	2 meals at Lansing	65
	railroad fare, self and convict, Lansing to Ionia, and return fare for self	3 20
	dinner at Ionia	25
	supper at Lansing	25
5	Plynn Williams, For making and returning inquisition in case of death of Benj. Garton July 4, 1892, at the Michigan Asylum for Dangerous and Insane Criminals at Ionia: 1 venire	3 00
	1 subpoena	25
	swearing jury	25
	" 2 witnesses	10
	2 miles' travel	20
	jurors' fees, 6 @ \$1.50	12
	jurors' fees, 6 @ \$1.50	9 00
	Amount carried forward	\$1,474 24

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 5	Amount brought forward.....	\$1,474 24
	Plynn Williams,	
	For deputy sheriff, A. T. Montgomery:	
	summoning jury.....	1 00
	travel for same.....	50
	attending jury.....	50
	subpenaing witnesses.....	15
	travel for same.....	10
16	Joseph Nicholson,	
	For transferring Emma Harris from Detroit to Insane Asylum, Ionia:	
	railroad fare to Ionia.....	3 70
	" " and return (officer).....	6 05
	two meals.....	1 00
	<i>Allowed August 31, 1892.</i>	
	Seymour Foster,	
	For postage for use of the Legislature, purchased by Robt. Smith & Co., State	
	Printers, and used for mailing Legislative Journals.....	40 00
	American Express Co.,	
	For express (Legislature).....	1 30
Aug. 1	W. Harwood,	
	For charges paid special messenger for delivery of telegram.....	2 00
	J. W. Curtis,	
	For charges paid special messenger, for delivery of telegram.....	2 50
2	J. J. Lusk,	
	For charges paid messenger for delivery of telegram.....	2 00
1	Travis Leach,	
	For charges paid messenger for delivery of telegram.....	2 00
	David Collins,	
	For charges paid messenger for delivery of telegram.....	4 50
	Geo. W. Osborne,	
	For charges paid special messenger for delivery of telegram.....	3 00
21	Walker O. Smith,	
	For charges paid special messenger.....	2 50
2	A. A. Smith,	
	For charges paid special messenger for delivery of telegram.....	2 00
July 30	A. Milan Willett,	
	For case of Mary Hodgelin, insane:	
	officers' fees.....	1 20
	county clerk.....	50
	physician's fees.....	6 00
	probate court.....	4 00
11	case of Peter Keohane, insane:	
	sheriff fees.....	1 20
	county clerk.....	50
	physicians.....	6 00
	probate court.....	4 00
Aug. 22	Philip Eckfeld,	
	For expenses incurred in conveying Jas. Reilly from Tuscola county to State	
	Public School:	
	livery, Unionville to Caro.....	3 00
	railroad fare, Caro to Detroit, self and boy.....	4 50
	transfer, M. C. to G. T. depot.....	50
	dinner and supper at Detroit, self and boy.....	1 00
	railroad fare, Detroit to Coldwater.....	5 05
23	lodging and breakfast, Coldwater.....	1 50
	livery to State School.....	1 00
	dinner at Coldwater, self.....	50
	railroad fare, Coldwater to Detroit.....	3 35
24	supper, lodging and breakfast, Detroit.....	1 00
	transfer at Detroit.....	25
	railroad fare from Detroit to East Saginaw.....	2 90
	dinner at East Saginaw.....	25
	railroad fare, East Saginaw to Unionville.....	95
July 25	Edward Taylor,	
	For services and expenses as county agent of Jackson county:	
	investigating the home of Mrs. Huntley.....	50
Aug. 9	" " Allen S. Taylor.....	2 00
	dinner and supper.....	50
16	visiting Cora Boyce in Leon.....	80
	conveyance.....	1 00
	dinner and supper.....	70
17	visiting Willie Battersby and Hiram Kelff, conveyance.....	1 50
	dinner.....	50
	Amount carried forward.....	\$1,606 39

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State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
Aug. 17	Amount brought forward	\$1,006 39
	Fred G. Adler,	
	For holding inquest on colored convict, Michigan State Prison, Aug. 16, 1892:	
	venire jury	25
	viewing body	3 00
	taking recognizance	25
	swearing two witnesses	20
	mileage	12
	Sheriff John Boyle	1 98
	6 jurors @ \$1.50	9 00
	6 jurors mileage	72
	2 witnesses @ 50c	1 00
July 12	W. B. Horton,	
	For services and expenses as county agent of Manistee county:	
	Willie Aiken larceny.	
	railroad to Onokama return	65
	dinner	25
	railroad fare to Onokama and return	65
13	dinner	25
	fees	3 00
14	conveying Fannie Williamson from Manistee to State Industrial Home:	
	2 bus fares to depot	50
	2 tickets Manistee to Adrian	16 50
	chair coach to Wayne Junction	1 00
	2 dinners at Saginaw	1 00
	hack Adrian to Industrial Home	1 00
	supper and lodging Adrian	1 00
15	breakfast	50
	bus to depot	25
	ticket Adrian to Manistee	7 50
	bus to hotel, Grand Rapids	25
	supper and lodging	1 00
16	breakfast	50
	bus to depot	25
	3 days' services	9 00
20	Brittain Clarke,	
	For conveying Sarah Tomkins and Edith Monroe from Port Huron to State Industrial Home, Adrian:	
	railway fair for two girls going	6 32
	" " officer and return	6 32
	hack at Port Huron	75
	3 dinners at depot	1 50
	hack at Adrian	1 75
	lodging and meals at Adrian for officer	1 50
21	dinner for officer	50
	hack at Port Huron	25
	two days' services, @ \$3.00 per day	6 00
June 18	Nels Clifton,	
	For conveying Adamund Vanlinden and Jos. Graff from Marquette to State Reform School:	
	fare from Marquette to Lansing	14 15
	boys	25 30
	supper at Mackinaw, self and boys	1 50
	sleepers, self and boys	4 50
19	breakfast at Saginaw, self and boys	1 50
	dinner at Lansing, self	50
	hack at Lansing, self	75
	fare, Lansing to Marquette	14 15
	supper, Lansing	50
22	sleepers to Marquette	1 50
	breakfast, Mackinaw	50
	three days' service	9 00
Aug. 2	William M. Myron,	
	For conveying James McPhail from Port Huron to State Reform School:	
	bus at Port Huron, going	50
	fare for prisoner, going	2 30
	" officer and return	4 00
	hack at Lansing	1 00
	supper	50
	hack at Port Huron	25
	two days	4 50
July 20	Geo. P. McMahon,	
	For services and expenses as county agent of Mason county:	
	visit to Gertie Bryant	3 00
	Amount carried forward	\$1,786 35

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$1,786 85
July 20	Geo. P. McMahon,	
22	For livery, same	1 50
	inspection of home of James Burns	3 00
23	livery for same	2 00
	visit to Chas. Stewart	3 00
28	livery, same	1 50
	H. A. Chapin,	
	For expenses incurred in conveying Arthur Davison from Van Buren county to	
	State Public School:	
	bus fare, Paw Paw to train	25
	railroad fare, Paw Paw to Kalamazoo	65
	hack fare, Kalamazoo	50
	dinner,	50
	" and supper, child, Kalamazoo	50
	railroad fare, Kalamazoo to Coldwater	1 80
	supper, self, White Pigeon	50
29	hack fare, depot to school	75
	hotel bill, Coldwater	1 50
30	railroad fare, Coldwater to Kalamazoo	1 80
	hotel bill, Kalamazoo	1 50
	railroad fare, Kalamazoo to Paw Paw	65
May 3	Chas. D. Petershans,	
	For services and expenses as county agent of Tuscola county:	
	visiting home of Chester Smith as directed by W. H. S. Wood at Lansing	3 00
	railroad fare, Millington and return to Caro	2 00
	livery	50
	dinner at Millington	25
	supper, Vassar	25
	breakfast at Caro	25
June 8	D. C. Wachs,	
	For services and expenses as county agent of Ottawa county:	
	investigating home of T. A. Parish, an applicant for child from State	
	Reform School	3 00
9	investigating home of W. B. Wallace, an applicant for child from State	
	Reform School, 1 day	3 00
	paid for livery	1 00
	" car fare	1 00
	dinner	25
20	investigating home of Thos. Brown, an applicant for child from State	
	Reform School	3 00
23	one day investigating home of Henry Fritz, an applicant for child from	
	State Reform School	3 00
July 21	Wm. J. Robinson,	
	For services and expenses as county agent of Lapeer county:	
	visiting Maynard Smith and Oliver G. Shaw	3 00
	livery	1 50
22	visiting Wallace Rice	3 00
	livery hire	2 00
23	visiting Walter St. Clair	3 00
	livery	2 00
25	visiting Alvah M. Covey	3 00
	livery	1 50
29	visiting Nellie Smith	3 00
	livery	1 00
Aug. 4	visiting Minnie Ferncoee and Albert Heater	3 00
	livery	1 50
May 6	A. B. BeDell,	
	For services and expenses as county agent of Menominee county:	
	investigating case Alfred Pfanger	3 00
7	" " Max Monachi	3 00
23	" " John Borchut	3 00
June 18	" " Arthur Andison, truancy	3 00
20	" " Geo. Linquist and Frank Linquist	3 00
25	" " France Nedoskey, larceny	3 00
28	" " Wm. Shields, vagrancy	3 00
Aug. 8	W. A. Satterly,	
	For conveying Emma Burmeister from Shelby to State Industrial Home:	
	railroad fare for Emma Burmeister, Adrian to Shelby	6 45
	self, Shelby to Adrian	12 70
	paid for dinner for self and Emma Burmeister	50
	hack	1 00
	hotel bill	1 00
9	1 day's time at Adrian	3 00
	1 " " returning	3 00
	Amount carried forward	\$1,804 90

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
	Amount brought forward	\$1,904 90
Aug. 23	Jas. D. Benham.	
	For conveying Ada Murphy from Hastings, Mich., to State Industrial Home:	
	railroad fare for self and child from Hastings to Jackson	3 70
	dinner for self and child at Jackson	1 00
	railroad fare for self and child from Jackson to Adrian	3 70
	hack fare, Adrian	25
	supper at Adrian	50
	railroad fare for self from Adrian to Jackson	1 35
24	lodging and breakfast at Jackson	1 00
	railroad fare for self from Jackson to Hastings	1 85
	2 days' work @ \$3	6 00
July 21	Mrs. Jerry Davis.	
	For expenses incurred in conveying Fred Nichols and Chas Nichols from Gratiot county to State Public School:	
	railroad fare	11 90
	hotel	2 00
	bus fare	50
	dinner	50
June 30	J. Ward Davis.	
	For services and expenses as county agent of Antrim county:	
	visiting Dennis Cagle 1 day	3 00
July 1	" Hattie Forrest living with J. Ward Davis, no charge.	
5	" Grant Weston, 1 day	3 00
	railroad fare to Mancelona and return	4 10
	hotel bill	50
6	visiting Louis Mickleson, 1 day	3 00
	railroad fare to Bellaire	1 25
	livery	1 00
	care of team and dinner	50
7	visiting Willie Coleman, 1 day	2 00
	railroad fare to Williamsburg	68
	livery	1 50
	hotel bill	75
8	visiting Michael McCusker 1 day	3 00
	railroad fare from Williamsburg	68
	hotel bill over night	75
	livery	1 50
Aug. 6	S. H. Preston.	
	For conveying Louis Livingston from Lansing to State Reform School, ¼ day	1 50
	carriage	50
July 28	investigating case of Cora Morris before P. H. Dolan, justice of the peace	3 00
Aug. 1	" Louis Livingston	3 00
16	" Ida B. Spencer	3 00
20	" Barney McCourt and Dan Hatt, before P. H. Dolan	3 00
July 30	conveying Frank Morris from Lansing to State Industrial Home:	
	tickets to Adrian	4 70
	dinner at Hillsdale	1 00
	parlor car, Hillsdale to Adrian	50
	hack at Adrian	1 00
	ticket, Adrian to Jackson	1 25
31	supper, lodging and breakfast	1 50
	ticket, Jackson to Lansing	1 10
	car fare	05
	two days' time	6 00
Aug. 18	conveying Ida B. Spencer from Lansing to State Industrial Home:	
	two tickets to Adrian	4 70
	dinner at Hillsdale	1 00
	hack at Adrian	1 00
	supper at Adrian	50
	ticket from Adrian to Jackson	1 25
19	lodging and breakfast, Jackson	1 00
	railway ticket, Jackson to Lansing	1 10
	car fare, Adrian and Lansing	10
	two days' time	6 00
8	James B. Dilly.	
	For expenses incurred in conveying Luther Smith from Berrien county to State Public School:	
	bus fare from Berrien Springs to Berrien Center	25
	car fare from Berrien Center to Elkhart	90
	street car	05
	car fare from Elkhart to Coldwater	1 00
	half fare for child	80
	bus fare from depot to School	50
	Amount carried forward	\$2,019 51

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
	Amount brought forward.....	\$2,019 51
Aug. 8	James B. Dilly, For dinner.....	50
	supper.....	25
	car fare, Coldwater to Elkhart.....	1 80
9	lodging and breakfast at hotel.....	75
	dinner.....	25
	car fare, Elkhart to Berrien Center.....	90
	bus to Berrien Springs.....	25
23	Warren Atwood, For expenses incurred in conveying John F. Button, Chas. A. Button and Eddie Button from Hillsdale county to State Public School: car fare.....	2 15
	hack.....	50
4	dinner at hotel.....	1 00
Apr. 8	Geo. B. Congdon, For services and expenses as county agent of Osego county: investigating home of John Goslow, an applicant for child from State Public School.....	3 00
16	visiting Leman Slack, living with J. S. Musseleman.....	3 00
	livery.....	50
30	visiting Frank Anstes, living with Alfred Wilkins, one day.....	3 00
	livery.....	1 50
Dec. 16	F. A. Healy, For services and expenses as county agent of Gogebic county: arrest of Deville Iliff.....	2 00
Jan. 14	" " Wm. Barrett.....	2 00
15	" " Peter Fahy.....	3 00
May 5	inspection, county jail.....	2 00
	expense.....	90
24	arrest of Albert Johnson.....	2 00
25	" " Thomas Gorman.....	3 00
26	" " Ben. Atkinson.....	3 00
June 24	Chas. D. Blanchard, For services and expenses as county agent of Marquette county: visiting the following children, wards of the Reform School, living at Ishpeming: Martin Grose, Austin Grose and John Levisne, Mortimer Sullivan and Jos. Gayern, transportation, Marquette to Ishpeming, 1 day.....	3 00
	livery.....	1 20
	dinner at Ishpeming.....	50
	supper.....	50
16	Cornelius Dietz, For services and expenses as county agent of Iosco county: visiting homes of Alansing Loud and Aber Meredith, by order of superin- tendent of Reform School.....	3 00
July 19	visiting home of Jas. McMahon, by order of superintendent of the Reform School, 1 day.....	2 00
	bus fare to and from train.....	50
	railroad fare from Au Sable to Whitmore and return.....	1 80
	livery hire at Whitmore.....	2 00
	dinner at Whitmore.....	50
25	visiting homes of Claud Phelps and Arthur Eaton, by order of superinten- dent of Reform School.....	2 00
Aug. 18	1 day visiting the home of Clarence Price in township of Reno.....	2 00
	bus fare to and from train.....	50
	railroad fare from Au Sable to Whitmore and return.....	1 80
	livery hire at Whitmore.....	75
	dinner at Whitmore.....	50
July 16	O. L. Waterbury, For conveying Mabel Waterbury from Frankfort to State Industrial Home: fare for Mabel Waterbury from Frankfort to Adrian.....	8 70
	fare for O. L. Waterbury from Frankfort to Adrian and return.....	16 90
	2 dinners at Cadillac.....	1 00
	2 suppers at Durand.....	1 00
	hotel fare at Adrian.....	2 50
	hack hire.....	50
17	hack hire to Industrial Home.....	1 00
18	lodging and breakfast at Milan.....	75
	dinner at Mt. Pleasant.....	50
	three days' actual service, @ \$3.00.....	9 00
16	Jacob Bernatz, For conveying Caroline Harrison from Port Huron to State Industrial Home: hack, Port Huron.....	50
	Amount carried forward.....	\$2,128 46

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
	Amount brought forward.....	\$2,128 45-
July 16	Jacob Bernatz, For fare for prisoner, Port Huron to Adrian.....	3 63
	" " officer, Port Huron to Adrian and return.....	7 30
	two dinners.....	1 00-
16-17	back at Adrian.....	2 00
	supper, lodging and breakfast, self.....	1 50
	dinner at Detroit for self.....	50
	back at Port Huron, returning.....	25
	two days.....	6 00-
10	Frank C. Platz, For services and expenses as county agent of Presque Isle county: one days' services, going to township Allie to investigate complaint and charges made against Geo. R. Delenge.....	3 00-
11	livery two days.....	5 00
12	conveying Geo. R. Delenge from Rogers City to State Reform School: boat fare from Rogers City and return, self.....	18 50
	boat fare for George.....	2 50
14	car fare from Detroit to Lansing and return.....	5 00
	car fare for Geo. R. Delenge to Lansing.....	1 27
15	bed for self and Geo. D. Lansing.....	1 00-
	dinner at Lansing.....	50
	coach to Reform School.....	1 00
	lodging and breakfast, Detroit.....	1 00
12-18	six days' services, @ \$3.00 per day.....	18 00
June 29	G. W. A. Armitage, For services and expenses as county agent of Monroe county: investigating the case of Geo. Renana charged with larceny, 1 day.....	2 50
	livery.....	1 50
July 6	investigating the application of Abram Johnson, livery.....	1 50
	dinner.....	50
23	visiting Clara Cimer and Peter H. Monch, livery.....	2 00
Aug. 1	visiting Emma Trickey, livery.....	1 00
July 21	investigating home of Jesse Cripe, livery.....	2 00
2	" " Claid Cook, livery.....	1 50
	John O'Gorman, For services and expenses as county agent of Saginaw county: investigating case of Freda Nelson.....	3 20
7	" " (Chas. Orr (larceny).....	3 15-
8	" " Henry Savage.....	1 10
11	" " Alice Theedee, truancy.....	8 10-
13	" " Daniel Haas, 1 day.....	3 50
15	" " Jack Quirk, 1 day.....	3 10
Aug. 31	visiting Agnes Tomerri a ward of the State Public School at the home of Fred Goetaniger, Frankenmuth, and the home of Edda May Thomson a ward of the State Public School at the home of Frank Waldorf, Sag- inaw, livery 32 miles.....	3 50-
	toll.....	25
	dinner at Frankenmuth.....	50
	street car fare.....	15
14	visiting Edda B. Reader and Joseph Francis Ward, Bloomfield township: livery.....	8 00
	dinner.....	50
16	Fred Rode, For conveying James McKingie from Newaygo to State Reform School: railroad fare from Newaygo to Lansing and return for self.....	6 20
	" " for boy.....	1 53
	dinner at Grand Rapids, self and boy.....	75
	back from depot to Reform School.....	50
17	supper, lodging and breakfast.....	1 25
	2 days' services.....	6 00
July 30	services and expenses as county agent of Newaygo county: investigating home of Nathan Walters, applicant for a boy from State Pub- lic School.....	1 50
	livery.....	1 00
Aug. 5	delivering boy to Nathan Walters, livery.....	1 00
15	investigating case of Jas. M. Kinzie, disorderly, 1 day.....	3 00
	livery.....	2 00
	dinner, self, 25c; horse feed, 50c.....	75
July 26	investigating home of W. J. Wadsworth.....	3 00
	livery.....	3 00
	dinner for self, 25c; team, 50c.....	75
Aug. 8	visiting Bertha Hindelasy, a ward of State Public School, living with John Fry, 1 day.....	3 00
	livery.....	2 00-
	Amount carried forward.....	\$3,877 24

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,377 24
Aug. 6	Fred Rode,	
	For dinner, self, 25c; horse feed, 50c	75
9	visiting Chas. Quanty and Lydia Quanty, wards of State Public School	
	living with Frank Folber, one day	\$ 00
	livery	1 50
10	dinner	25
	investigating home of Mr. McFarlane, one day	\$ 00
	livery	3 00
	dinner, self, 25c; horse feed, 50c	75
July 18	visiting Chas. Flinty, living with W. W. Hall, one day	3 00
	livery	1 50
19	visiting Geo. Dillerer, ward of State Public School, living with Chas. Olds,	
	one day	3 00
	livery	1 75
	dinner, self, 25c; horse feed, 50c	75
21	visiting Herman Schween, a ward of State Public School, living with Chas.	
	Mitchell	3 00
	livery	2 50
	dinner, self, 25c; horse feed, 50c	75
June 30	William Dunn,	
	For services and expenses as county agent of Grand Traverse county:	
	investigating case of Josie Swoboda, charged with vagrancy, one day	\$ 00
	car fare to Traverse City and return	60
	dinner at Traverse City	25
July 1	investigating case of Joe Riant, charged with larceny, before justice of the	
	peace, one day	\$ 00
	car fare to Traverse City and return	60
	dinner at Traverse City	25
	postage and stationery	1 00
29	making report on Martin Lamson's home, by request of Supt. Reform	
	School, one day	\$ 00
	railroad fare, Traverse City and return	60
Aug. 12	dinner at Traverse City	25
	investigating home of Edwin Jordan	3 00
	livery	2 00
	dinner	25
	horse feed	25
July 20 to 22	conveying Josephine Stanek from Traverse City to State Industrial Home:	
	conveying girl to Home, Adrian, from Traverse City	9 00
	livery from Traverse City to Grawn to get probate judge to sign the com-	
	mitment papers	1 50
	railroad fare from Traverse City to Jackson and return	11 95
	" " Josie Stanek	3 35
21	breakfast for self and girl, Jackson	1 00
	railroad fare for self from Jackson to Adrian and return	2 80
	railroad for girl to Adrian	70
	bus hire to convey girl to Home at Adrian	1 00
	supper at Jackson	50
22	lodging and breakfast, Grand Rapids	1 00
6/	conveying Wm. Sager from Traverse City to State Reform School:	
	one day	\$ 00
7	returning, one day	\$ 00
	railroad from Traverse City to Lansing and return, self	10 10
	railroad fare, boy	2 80
	dinner for self and boy, Grand Rapids	50
	supper, self, Lansing	25
June 4	J. T. Borick,	
	For services and expenses as county agent of Huron county:	
	railroad fare to Sand Beach and return	2 00
	team and driver	2 00
	dinner and supper at Sand Beach	1 00
11	investigating and trying case before Sam'l Fuller, justice of the peace, one	
	day	\$ 00
	car fare to Sand Beach and return	2 00
	dinner Sand Beach and supper Palms	1 00
	supper for boy at Palms	50
	car fare for boy Sand Beach to Bad Axe	1 00
Aug. 24	investigating complaint against Wesley Smith, guardian of John Clemen-	
	smith, 1 day	1 50
	livery 75c, car fare 50c	1 25
	supper	50
Sept. 4	investigating home of Mrs. R. A. Case, applicant for child from Coldwater,	
	1/2 day	1 50
	Amount carried forward	\$2,492 99

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
		<i>Allowed August 31, 1892.</i>
	Amount brought forward	\$2,492 99
Sept. 5	J. T. Rorick, For placing John Clemensmith with and investigating home of Geo. Rapeon, $\frac{1}{4}$ day	1 50
	livery	1 00
9	investigating home of Wilson Harrison, an applicant for a child, from State Public School, 1 day	3 00
	livery	2 50
16	dinner self 25c, horse feed 25c	50
	visit to Homer Houghton, 1 day	2 00
	livery 26 miles	2 00
	dinner for self 25c, horse feed 25c	50
Oct. 17	visiting James Koeing, on complaint of his guardian, Mrs. Mary Gates	3 00
	investigating home of Thos. Hickerton, an applicant for child from State Public School, livery	2 00
	dinner self 25c, horse feed 25c	50
24	visit to John Clemensmith for indenture with Geo. Rapeon, $\frac{1}{4}$ day	1 50
	livery	1 00
27	investigating regarding Geo. Jenkins, $\frac{1}{4}$ day	1 50
Nov. 8	investigating home of John T. Randall with whom Homer Houghton had been placed, $\frac{1}{4}$ day	1 50
	horse hire in above case	1 50
Feb. 1	placing Tillman Beckhold in home of Wilson Harrison, 1 day	2 00
	livery	2 50
	dinner for self and boy	50
	horse feed	25
Apr. 12	Tillman Beckhold's return to School at Coldwater ($\frac{1}{4}$ day)	1 50
	railroad fare to Port Austin and return	1 00
28	visit to Chas. Mundy, on complaint of his guardian, Geo. H. Whitelum and visit to Willie Sabin (ward of Coldwater School), living with Samuel Sharrow (1 day)	3 00
	livery	1 50
	railroad, 35c; dinner, 25c	60
May 15	trip to E. Tetreaux's to indenture Carlos Sowles, $\frac{1}{4}$ day	1 50
	railroad fare, 35c; horse hire, 75c	1 10
14	investigating home of Mrs. Fred Geopfert, an applicant for child from Coldwater, one day	3 00
	railroad, \$1.10; horse hire, 75c	1 85
	dinner and supper	50
26	visit to Fred Helmes, ward of State Public School, living with Wm. Carty; placing Homer Houghton from home of John T. Randall to home of Luther Truax	2 00
	horse feed, 35c; livery, \$1.50	2 75
June 25	investigating home of Alex McDonald, an applicant for child from State School, $\frac{1}{4}$ day	1 50
	horse hire	1 00
30	investigating home of Anthony Staker, an applicant for child from State Public School	2 00
	railroad to Ruth and return	1 50
	horse hire	75
	dinner	25
July 2	Thomas Shaw, Sr. For services and expenses as county agent of Mecosta county:	
	investigating the home of Geo. Skutt	3 00
	train to Mecosta and return	80
	livery, \$2.00; dinner, self and team, 50c	2 50
8	investigating the homes of Arthur Burley and Leonard Swager	3 00
	livery, \$2.00; dinner, self and team, 50c	2 50
	toll	25
	investigating the home of Eddie Yoakey	3 00
	train to Mecosta and return	80
	livery, \$2.00; dinner, self and team, 50c	2 50
13	visiting the home of Willie Manton	3 00
	livery	1 50
15	visiting the home of Lena Barnowski and Daniel Homerding	2 00
	livery, \$2.00; dinner, self and team, 50c	2 50
18	visiting the home of Melinda and Jas. Johnson and Truman Howard	3 00
	railroad to Mecosta, 80c; livery, \$2.00	2 80
	dinner	50
19	investigating the homes of A. Barber, Wm. J. Wadsworth and David McFarlane	3 00
	livery, \$3.00; dinner, self and team, 50c	3 50
21	visiting the homes of Bertie Clements and Chas. Blakeman	3 00
	livery, \$2.50; dinner, self and team, 50c	3 00
	Amount carried forward	\$2,602 14

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,802 14
July 27	Thomas Shaw, Sr.,	
	For visiting the homes of Geo. McCrea and Eddie Windey	3 00
28	livery, \$3.00; dinner, self and team, 50c	3 50
	visiting the homes of Lucy Gohr, Wm. Schewn, Wm. J. Tushingham and	
30	Benj. Daniels, no charge.	
	visiting the homes of Nina May McPherson, Geo. Henghley, Jas. Maul and	
	Wm. Phillips	3 00
	railroad fare to Mecosta and return	80
	livery, \$2.50; dinner, 50c	3 00
Aug. 1	visiting the home of Jas. A. Morey	3 00
	railroad to Mecosta and return	80
	livery, \$2.50; dinner, 50c	3 00
6	visiting the home of Burton McBride	3 00
	railroad Mecosta and return	80
	livery \$2.50, dinner self and team 50c	3 00
Sept. 23	R. E. Finch,	
	For inspecting jail, ¼ day	1 50
Apr. 24	inspectng jail, ¼ day	1 50
Aug. 15	expenses incurred in conveying Cleveland Wymer and Josie Page from Glad-	
	win county to State Public School:	
	car fare Gladwin to Jackson	4 60
	Jackson to Coldwater	1 80
	dinner for three at Jackson	1 50
	bus fare children	75
	supper, lodging and breakfast, 3	4 00
16	bus fare to State Public School and return to depot	1 00
	car fare from Coldwater to Saginaw and bus fare self	5 10
	dinner, supper, lodging and breakfast	2 50
17		2 50
	bus fare	50
18	car fare from Saginaw to Gladwin	1 65
22	J. W. Finch,	
	For services and expenses as county agent of Lenawee county:	
	livery and investigating the home of Mrs. Ladd, in Hellin for placing her	
	child	2 00
	dinner and horse feed	50
	services	3 00
July 29	visiting the home of Adrian VanCamp in Woodstock	3 00
18	livery	2 00
Aug. 2	hearing of John E. McElroy before A. F. Robertson, justice of the peace	3 00
	Ira B. Card,	
	For services and expenses as county agent of Hillsdale county:	
	1 day attending court in the case of Chas. Gifford, larceny	3 00
4	one day attending court in the case of Daisy Parkinson	3 00
10	one day investigating home of H. E. Thompson, applicant for children	3 00
	from State School	50
	livery	2 50
18	one day investigating home of Wm. H. Dilley, applicant for child	3 00
June 23	one day with Z. McKinley, for J. B. Collins	3 00
	livery	2 50
	dinner and horse feed at Camden	50
29	one day investigating treatment of Floyd Camburn	3 00
	livery, same	2 50
30	dinner and horse feed	50
	one day visiting and transferring Mary J. Clemensmith from Mrs. Brown's	
	to Mrs. Bill's	3 00
	livery for same	2 00
July 8	one day transferring Wm. Edgerton from home of Oscar Osman to John	
	Ryan	3 00
	livery, same	2 00
12	one day investigating home of L. S. Woodruff, applicant for boy from State	
	School	3 00
	livery	2 50
20	one day visiting and arranging to remove Pearl Hensen from S. Davis to	
	Mr. E. Betts	3 00
	livery, same	1 50
June 11	N. P. Houghtalin,	
	For services and expenses as county agent of Sanilac county:	
	investigating John Dawson, at Croswell	3 00
July 30	John Cleveland, railroad fare	1 10
	case Colin Campbell, dinner	50
	one day	3 00
	Amount carried forward	\$2,725 04

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,725 04
June 26	N. P. Houghtalin,	
	For visiting the following children: Robert C. Rogers, livery	2 00
	dinner at John Kings	50
	horse feed	25
	1 day investigating	3 00
28	Clarence Shepherd, livery	2 00
	railroad to Cass City and return	80
	livery to Mr. Matmean	1 30
	dinner at Marlette	50
	horse feed	50
	supper at Clifford	25
	investigating, 1 day	3 00
July 14	Geo. W. Steel, railroad Croswell to Downingtown and return	1 20
	dinner	25
	livery, Downingtown to Jos. Nichols	1 00
	hack	25
	visiting	2 00
12	Bertha Pegg, livery	1 50
	visiting	3 00
Aug. 15	Bertha Cole, livery	1 50
	visiting	3 00
16	Maggie Kincaid, livery	1 50
	visiting	3 00
18	Burt Hover, livery	1 50
	visiting	3 00
17	livery to Pertl Carlins to investigate home for girl	1 00
	1 day	3 00
July 30	Martin E. Miller,	
	For services and expenses as county agent of Shiawassee county:	
	visiting Mary E. Blower, ward of the State Public School, living with Fred Berner, 1 day	3 00
	car fare	40
	dinner and supper, self	60
Aug. 4	paying railroad fare of Susan J. Allen from Dr. J. A. Van Riper to Owosso, she being a ward of State Public School	70
7	visiting Sylvia Reese, ward of the State Public School, with Sarah B. Cummings, 1 day	3 00
	car fare	1 34
8	visiting May Walters and Milo Share, wards of State Public School, living with Benj. Hook	3 00
	car fare	40
	supper for self	25
9	visiting Chas. Owen, ward of State Public School, living with Leroy Allen, 1 day	2 00
	livery in above case	1 75
	car fare	40
	supper for self	25
13	investigating home of Susan Dillon, applicant for child, 1 day	3 00
	livery	3 00
	dinner for self, 25c; horse feed, 25c	50
14	visiting Wm. Westley, ward of State Public School, living with Catherine Luckin, 1 day	2 00
	livery	2 00
17	visiting Pearl Hover, ward of State Public School, living with Luther Watson, 1 day	2 00
	livery	1 50
18	visiting Harry Hintz, ward of State Public School, living with C. Almun Dinger, ¼ day	1 00
	livery	1 00
19	visiting Myrta Lyder, ward of State Public School, living with Jos. Vincent:	
	livery	2 00
July 23	investigating case of Ida B. Staley, charged with truancy before Newton Baldwin, justice of the peace, livery	2 00
	dinner self 35c, horse feed 25c	60
10	visiting Fred Moreland, a ward of Reform School, at the home of George Walker, car fare	60
	livery	1 00
	dinner	35
Aug. 4	visiting Fred Rounds, a ward of Reform School, at the home of Dr. J. A. Van Riper, car fare	1 40
	supper	25
	Amount carried forward	\$2,810 43

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,310 48
Aug. 5	Martin E. Miller, For investigating the home of Allen Beard, applicant for a ward of the Reform School, car fare.....	1 27
	livery.....	1 00
	dinner and supper.....	50
18	W. H. Miller, For conveying Fred Rose from Hastings to State Reform School: railroad fare for self and prisoner from Hastings to Lansing.....	2 50
	back at Lansing.....	50
	railroad fare from Lansing to Hastings.....	1 15
	1 day's work.....	3 00
2	Albert Miller, For services and expenses as county agent of Bay county: visiting home and reporting condition of Jas. Sills, on leave of absence from Reform School.....	3 00
	expenses in searching for the home of Jos. McMann and visiting home of Jas. Sills.....	1 50
3	visiting home and reporting condition of Willie Saracen on leave of absence. expenses, hack hire.....	3 00
	expenses, hack hire.....	1 00
4	visiting home and reporting condition of D. LaFourrier on leave of absence.....	3 00
	expenses, one hour.....	1 00
11	visiting the respective homes of Ira Rumsey and Wm. Halliday, inmates of Reform School, and reporting with a view of their being released.....	3 00
	expenses, one hour.....	1 00
20	visiting and reporting condition of the home of Earl Adams, an inmate of Reform School with a view of his being returned.....	3 00
	expenses, hack hire.....	1 00
12	investigating case of Frank Shultz and Frank Mallais on trial before Police Justice Manger.....	3 00
	expenses hack hire.....	50
	postage and stationery.....	1 47
5	Geo. Knapp, For services and expenses as county agent of Allegan county: visiting and reporting on the home of Geo. Forbes of Plainwell.....	3 00
	livery.....	1 50
	dinner and horse feed.....	75
June 11	investigating cases of Chas. Wilson, Arthur Thayer, Andy Shears.....	3 00
Aug. 8	A. W. Moshier, For conveying Bertie Sabins from Paw Paw to State Reform School: hack to depot from jail.....	50
	car fare from Paw Paw to Lansing, boy.....	3 75
	car fare from Paw Paw to Lansing, self.....	3 75
	lunch at Jackson self and boy.....	40
	hack to school.....	1 00
	1 day's time.....	3 00
9	supper, bed and breakfast, Hudson House, Lansing.....	1 50
	car fare.....	05
	car fare from Lansing to Paw Paw.....	3 75
	lunch at Jackson.....	20
	hack at Paw Paw.....	25
	1 day's time.....	3 00
July 22	investigating case of Bertie Sabins, charged with larceny, one day.....	3 00
	livery in above case.....	1 50
	dinner, 50c; horse feed, 25c.....	75
Aug. 4	services and expenses as county agent of Van Buren county: visiting Willie Vosburg, ward of Reform School, living with Geo. Vosburg, 1 day.....	3 00
	car fare to South Haven and return, 1/2 fare.....	1 00
	dinner and supper, South Haven.....	1 00
June 29	Dan'l Walters, For services and expenses as county agent of Eaton county: investigating home of Willie Caster, near Dimondale.....	3 00
	livery, 1 day.....	1 50
	dinner, self and horse.....	50
July 22	visiting home of Wm. Mathews.....	3 00
	livery.....	1 00
Aug. 5	investigation of Oliver Little, near Eagle.....	3 00
	railroad ticket from Eaton Rapids to Charlotte and return.....	55
	Charlotte to Lansing.....	37
	street car fare, Lansing.....	05
	railroad ticket to Eagle and return.....	35
	Amount carried forward	\$2,399 29

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward.....	\$2,890 29
Aug. 5	Dan'l Walters, For livery in country.....	1 00
	dinner at Eagle.....	25
	street car fare, Lansing.....	05
	supper, Lansing.....	25
	railroad ticket from Lansing to Charlotte.....	37
July 30	visiting home of Henry Gorman of Charlotte.....	3 00
	railroad ticket from Eaton Rapids to Charlotte.....	55
	dinner and supper, Charlotte.....	50
Aug. 12	investigating case of Eddie Hull, charged with assault and battery.....	3 00
	railroad ticket from Eaton Rapids to Charlotte and return.....	55
	dinner and supper, Charlotte.....	50
20	investigating case of Myrtle Newcomb.....	3 00
	railroad ticket to Charlotte.....	30
	from Charlotte to Eaton Rapids.....	30
	telephone to prosecuting attorney.....	20
	dinner and supper, Charlotte.....	50
July 12	visiting home of Matilda Udell of Charlotte.....	3 00
	railroad ticket from Eaton Rapids to Charlotte.....	55
	supper, Charlotte.....	50
8	investigating home of Matilda Loomis of West Windsor, applicant for ward of State Public School.....	3 00
	livery.....	1 00
	dinner for self and horse, Pottersville.....	50
1	investigating home of N. W. Weston of Roxand, an applicant for ward from State Public School, Coldwater.....	3 00
	railroad ticket from Eaton Rapids to Charlotte and return.....	55
	hack, Charlotte.....	25
	railroad ticket from Charlotte to Lansing.....	37
	street car fare, Lansing.....	05
	railroad ticket from Lansing to Sunfield and return.....	1 25
	dinner at Sunfield.....	25
	livery.....	1 25
	supper, Lansing.....	30
	railroad ticket from Lansing to Charlotte.....	37
	street car fare, Lansing.....	05
Aug. 25	conveying Myrtle J. Newcomb from Charlotte to State Industrial Home: railroad fare from Charlotte to Eaton Rapids, self.....	30
	for girl.....	30
	hack at Charlotte for self and girl.....	50
	baggage delivered.....	25
	transfer hack at Eaton Rapids.....	50
	railroad fare for self and girl from Eaton Rapids to Adrian.....	4 00
	dinner at Hillsdale, self and girl.....	1 00
	hack at Adrian.....	1 00
	supper at Adrian.....	50
	railroad fare from Adrian to Jackson.....	1 35
26	lodging and breakfast, Jackson.....	75
	railroad fare from Jackson to Eaton Rapids.....	75
	1 1/4 day's services.....	4 50
July 7	Levi Sparks, For services and expenses as county agent of Berrian county: visiting Walter Humphrey, with G. S. Williams, 1 day.....	3 00
	railroad fare to Riverside and return.....	1 50
	breakfast at Benton Harbor.....	85
	dinner at Riverside.....	50
	supper at Benton Harbor.....	50
29	visiting home of Ely Brown, a ward of Reform School.....	3 00
	car fare to Benton Harbor and return.....	1 10
	dinner for self at Benton Harbor.....	50
Aug. 9	investigating home of Charles A. Coons an applicant for child from State Reform School, 1 day.....	3 00
	paid for livery in above case.....	1 00
	dinner for self 25c, horse feed 25c.....	50
16	visiting home of Herbert Sweeny, a ward of Reform School, 1 day.....	1 00
	livery.....	1 00
	dinner for self 25c; horse 25c.....	50
17	visiting Earnest Skoda, ward of Reform School, livery.....	1 50
	dinner for self, 25c; horse, 25c.....	50
July 8	investigating case of David Grice and Jas. Hagler, larceny, 1 day.....	3 00
	livery.....	1 50
	dinner, self, 50c; horse feed, 25c.....	75
	Amount carried forward.....	\$2,970 50

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,970 50
July 22	Levi Sparks,	
	For investigating case of Geo. Raven, larceny	3 00
	car fare to Sawyer	1 20
	livery from Sawyer to New Troy	50
	dinner at Benton Harbor	50
	supper, lodging and breakfast at New Troy	1 00
28	investigating case of Albert Cronkright, charged with burglary, before Milo Bratton, justice of the peace:	
	car fare to Coloma and return	1 70
	dinner and supper at Coloma	75
Aug. 3	investigating case of Ina Prescott and Gertrude Moore, charged with truancy, before M. G. Lamport, justice of the peace, car fare to Benton Harbor and return	1 10
	dinner and supper, Benton Harbor	1 00
5	investigating case of Clarence Evans and Calvin Evans, charged with slander, before W. K. Sawyer, justice of the peace, car fare to St. Joseph and return	1 20
	dinner and supper at St. Joseph	1 00
8	investigating case of Jas. Goins, Hugh Brannigan and Earnest Hastings, charged with larceny:	
	car fare to Benton Harbor and return	1 10
	dinner and supper, Benton Harbor	1 00
23	conveying Geo. Raven from New Troy, Berrien county, to State Reform School:	
	livery to Berrien Springs	2 00
	dinner for self and boy	75
	hack fare to Berrien Center	50
	railroad fare to Fairland	30
25	car fare to Lansing and return	13 05
	dinner at Jackson, self and boy	50
	supper at Lansing	50
	lodging,	50
26	breakfast,	50
	lunch at Kalamazoo	25
25-6	time going to and returning from Lansing, 2 days	6 00
Aug. 1	conveying Albert Cronkright from Berrien Springs to State Reform School:	
	hack fare	50
	car fare to Niles for self and boy	50
	" " from Niles to Lansing, self and boy	8 40
	dinner at Jackson	75
	hack to Reform School	50
	supper, lodging and breakfast, Lansing	1 50
2	dinner at Jackson for self	50
	car fare, Lansing to Fairland	4 35
1, 2	2 days	6 00
3	Thomas Keyes,	
	For conveying Carl Engerson from Belding to State Reform School:	
	railroad fare	3 00
	car fare from Belding to Lansing for self and boy, @ \$1.50	3 00
	" " Lansing to Ionia	1 15
July 27	services and expenses as county agent of Ionia county:	
	investigating case of Carl Engerson, larceny	3 00
	car fare to Belding and return	90
	dinner at	50
29	car fare to Edmore and return, to the home of John Engerson	2 00
	livery	1 00
	dinner at Edmore	50
Aug. 1	car fare, Ionia to Belding	45
July 22	investigating case of Lewis Shay, charged with larceny, one day	3 00
	car fare to Portland and return	90
	dinner and supper at Portland	1 00
June 25	visiting Minnie Bousar, Barney Drake, Minnie Wilson, wards of the State Public School, one day	3 00
	livery in above case	3 00
	dinner for self, 50c; horse feed 25c	75
27	visiting Arthur Holt, John Jacobs, Lewis Lewenstein, wards of the State Pub- lic School, 1 day	3 00
	paid livery in above case	2 50
	dinner self 35c, horse feed 25c	60
28	visiting Ruper Platt, ward of State Public School	3 00
	livery in above case	3 00
	dinner for self	50
	horse feed	25
	Amount carried forward	\$3,073 40

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$3,073 40
July 28	Thomas Keyes.	
	For visiting Zella Helmer, Stenle Henke and May Renger, wards of State Public School, 1 day	3 00
	livery in above case	3 00
	dinner for self 50c, horse 25c	75
Aug. 8	visiting Walter Quarterman, living With H. J. Pratt, 1 day	3 00
	car fare to Belding and return	90
9	investigating the home of Mrs. Chloe Cahoon, an applicant for a boy from Reform School	3 00
	livery	1 50
11	visiting Jas. H. Renhor, living with S. F. Davis, 1 day	3 00
	livery	3 00
	dinner for self 50c, horse feed 50c	1 00
18	investigating case of John Kenedy and Jas. Feeney, larceny, 1 day	3 00
18	Investigating the case of Harmon Quirk, larceny, before justice of the peace, 1 day	3 00
28	investigating case of John Hubbard, larceny, 1 day	3 00
July 29	Wm. M. Hathaway.	
	For conveying Tony Elieynski and Christian Geigle from Grand Rapids to State Reform School:	
	1 day's service	3 00
	expenses, car fare, Grand Rapids	10
	railroad fare, self to Lansing	1 95
	" " " " one boy	1 95
	" " " "	1 00
	supper, self at Lansing	50
	street car fare	05
	railroad, self, Lansing to Grand Rapids	1 95
	street car fare	05
	stationery	03
Aug. 22	conveying Guy Prentiss from Grand Rapids to State Reform School:	
	1 day's service	3 00
	street car fares, Grand Rapids	15
	railroad fare, self to Lansing	1 95
	" " " " boy " "	1 00
	supper, self, Lansing	50
	bus, hotel to Lansing depot	25
	railroad fare, self to Grand Rapids	1 95
	hack, Grand Rapids	50
	stationery	03
	conveying Mattie Carter and Gertrude White from Grand Rapids to State Industrial Home:	
2, 4	2 days' services	6 00
	street car fare	05
	hack fare	75
	railroad fare, self and Mattie to Adrian	8 10
	1/4 fare, Gertrude	2 08
	three dinners at White Pigeon	1 50
	hack, Adrian to Industrial Home	1 50
	supper, lodging and breakfast at Home	
	railroad fare, self, Adrian to Grand Rapids	4 05
	one dinner, self, White Pigeon	50
	street car fare, Grand Rapids depot, home	05
	stationery	03
June 22	services and expenses as county agent of Kent county:	
	investigating case of Harry Mallory, one hour	30
	stationery	03
25	Birdie Boardman, visiting home	00
	expenses, stationery	25
July 2-27-81	Mable Clark, correspondence with Mrs. Ed. Baldwin, Rockford	30
14	expenses, stationery and stamps	15
	Bertha Easton, Ada, visit to home of, and reporting, and Milton Robinson, one day	1 50
	car fare, Grand Rapids to Ada and return	60
	horse and buggy to drive to homes and back	2 35
Aug. 8	car fare	10
	Mary Sampson, visiting home of, and reporting	30
	car fares and stationery	13
12	Francis Walkengen, visiting home of, 3 hours, 30c	90
	expenses, street car fare and stationery	35
12 and 18	Ellen B. Hommerding, visiting home and reporting, 2 hours	80
	expenses, car fares and stationery	20
15	Daley Owens, visiting home of, 3 hours	90
	Amount carried forward	\$3,158 60

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
	Amount brought forward	\$3,158 60
Aug. 15	Wm. M. Hathaway,	
	For expenses, car fares.	25
16	Gertrude Bateman, visiting home and reporting, 5 hours	1 50
	livery	1 00
	car fares	80
16	Maud Rose and Bert Crockett	30
	car fares	10
16 and 17	Margaret Brand, visiting home, 3 hours @ 30c	90
	expenses, car fares and horse hire	65
19	Theo. Devos, Sparta and Maynard Buss, 1 hour	30
	stationery and car fares	15
16	Elmer Steele, visiting home, 1 hour	30
	car fares	10
	stationery	05
July 2	Henry Smith, investigating home, 2 hours	60
	expenses and stationery	15
17 and 20	John Goodin, Grand Rapids	60
	car fares	10
20	Eddie L. Hungerford, Grand Rapids, investigating home of and reporting,	
	1 hour	80
Aug. 22	1 hour	30
	car fares	20
July 20-21	Lewis Brush, inquiries concerning home, 1 hour	30
	expenses, stationery	05
21	Frank Gregg, investigating home, 1 hour	30
	expenses, car fares	15
25	Oscar Betz, Grand Rapids, investigating home, 2 hours	60
	car fares, 15c; stationery, 3c	18
Aug. 7	Edward Boos, visiting home, 1 hour	30
	car fares	10
8	Leonard McMurray, visiting home and reporting	80
	expenses, car fares	10
	Harry Vanderburg, visiting home and reporting, 1 hour	30
	expenses, car fares	10
	Geo. Roth, investigating home, 1 hour	30
	expenses, car fares and stationery	15
	Fred Wenstra, visiting home of and reporting, 1 hour	30
	car fares, 10c; stationery, 5c	15
6, 14	John Gray, truant, ¼ hour	15
	expenses, stationery	05
12, 14	Leonard Hoodema, visiting home of and reporting, 2 hours	60
	car fares	20
12	John W. Reid, visiting home and reporting, 1 hour	30
	car fares	10
14	Willie Calkins, visiting home of mother, 1 hour	30
	car fares, 10c; stationery, 3c	13
16	Albert Posner, visiting home and reporting, 1 hour	30
	car fares 10c; stationery, 3c	13
	stationery for account	05
June	Dena Dusewino, ¼ day	1 50
25-30	car fares 30c; lunch, 30c	60
24	Eddie Winchester, 2 hours	60
	expenses, car fares	18
28	Emma Lewitt, Ada, 2 hours	60
	expenses, car fares	15
	Matilda Johnson, 2 hours	60
	expenses, car fares	10
July 2	Minnie Reeves, truant and disorderly, 3 hours	90
	expenses, car fares	25
12-17-18	Christ Geigel, larceny, 4 hours	1 20
	expenses, car fares	40
18	Augusta Makowska, truant	90
	car fares	25
22	livery, two hours	60
	expenses, car fares	10
	Peter Thompson, Larceny, 2 hours	60
	expenses, car fares	15
	Horace Lindale, truant, 1 hour	30
	expenses, car fare	10
23-4-8	Mary Arnold, returned to Public School from Industrial Home, 3 hours	20
	expenses, car fares 30c; stationery 5c	85
26	Oscar Haite and Harry Hilafund	60
	car fares	10
	Amount carried forward	\$3,184 72

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$2,184 72
July 27	Wm. M. Hathaway, For Tony Erickson, Jas. Stontjandyk, Chas. Atkins and Ira Briggs, 3 hours.....	90
	expenses, car fares.....	10
	Tony Flicynski and Christ Geigel, charged with stealing money, 3 hours.....	90
	expenses, car fares.....	25
29, 31	Gertrude White, P. C., larceny, 3 hours.....	90
	expenses, car fares.....	25
30, 31	Metie Carter, P. C., truant and disorderly, 3 hours.....	90
	expenses, car fares.....	20
Aug. 6	Scott Johnson, P. C., disorderly, 2 hours.....	60
	expenses, car fares.....	10
8, 9	Max Grobert, P. C., truant and disorderly, 2 hours.....	60
	expenses, car fares.....	20
11	Wm. Broglan, P. C., 1 hour.....	30
	expenses, car fare.....	10
13, 14	Peter Van Prugen, P. C., truant, 2 hours.....	60
	expenses, car fares.....	20
18	Guy Prentice, Fred Nowakskie and Wm. Braxmaier, P. C., larceny, 1/4 day.....	1 50
	expenses, car fares.....	30
	lunch.....	25
19, 20	Gertie DeGouge, P. C., truancy.....	60
	expenses, car fares.....	20
19	Peter Bromstra, P. C., 1 hour.....	30
	expenses, car fare.....	10
20, 21	Harry Spoelstra and Riley DeVale, jumping on train, 2 hours.....	60
	car fare.....	10
21	Howard Tuttle, P. C., truant and disorderly, 2 hours.....	60
July 3	expenses, car fares.....	20
Aug. 8	stationery for annual report.....	19
June 27	N. P. Houghtalin, For services and expenses as county agent of Sanilac county: livery from Croswell to Yale and return.....	2 00
	dinner and horse feed.....	75
	railroad fare from Yale to Marlette and return.....	80
	services.....	3 00
Aug. 19	railroad fare from Croswell to Sederdale and return.....	1 50
	services.....	3 00
Apr. 30	Henry A. Whitney, For services and expenses as county agent of Calhoun county: investigating home of Albert Owen.....	3 00
	visiting home of B. Clark, no charge.....	
June 11	investigating home of Fred Swangan.....	3 00
17	" " " Dilner Tripp.....	3 00
25	" " " Earnest Botsford and Lee Cantine.....	3 00
29	" " " Harry Munger and Bert Saterlee.....	3 00
Mar. 30	going to Albion to investigate home of Mrs. Husted.....	
	railroad fare to Albion and return.....	1 35
	services.....	3 00
Apr. 5	looking after Nettie Pearn, two visits to Mrs. Lovells and two to Mrs. Wheelocks.....	3 00
Sept. 3	investigating the case of Bert Wright, charged with assault, before A. B. Calkins, justice of the peace, one day.....	3 00
	railroad fare to Albion and return.....	1 50
17	investigating case of Bert Munger, for larceny, before J. Henry, justice of the peace, one day.....	3 00
28	inspection of jail, one day.....	3 00
	livery.....	1 50
1892	investigating case of Martin Grooming, before A. H. Tillotson justice of the peace, one day.....	3 00
Jan. 16	railroad fare to Marshall and return.....	80
	lunch.....	15
22	investigating case of Harry Marsh, before J. Henry, justice of the peace, one day.....	3 00
Mar. 8	investigating case of Garry Wall, before A. H. Briggs, justice of the peace, larceny.....	3 00
	investigating case of John Staffer, for stealing, before A. H. Briggs.....	3 00
10	" " " Albert Munger.....	3 00
May 31	Wm. Stall, case before J. Henry, justice of the peace, one day.....	3 00
June 23	investigating case of Herbert Munger, before A. H. Briggs, justice of the peace, larceny, one day.....	3 00
Feb. 25	investigating jail, or inspection of same.....	1 50
	miles travel, @ 6c.....	1 50
	Amount carried forward	\$2,268 63

Date.	Items.	Amount.
<i>Allowed August 31, 1892.</i>		
July 28	Amount brought forward	\$3,268 68
	Edward Taylor,	
	For services and expenses as county agent of Jackson county:	
	investigating charges and attending trial of John Nover, for larceny, before	
	G. W. Ford, justice of the peace, conveyance.....	1 00
	dinner.....	50
Aug. 2	investigating charges and attending trial of Maud Booth for truancy before	
	G. D. Palmer, justice of peace, conveyance.....	1 00
	dinner.....	25
	postage and stationery.....	60
	conveying Maud Booth from Jackson to State Industrial Home:	
	hack to depot, Jackson.....	50
	2 fares, Adrian.....	2 70
	hack to Industrial Home, Adrian.....	1 00
	dinner and supper.....	1 00
	hack to depot, Adrian.....	25
	fare from Adrian to Jackson.....	1 25
	hack at Jackson.....	50
July 25	1 day's services.....	3 00
	investigating the home of Mr. Toole and Mr. Loomis, travel, 5 miles.....	1 00
27	dinner.....	50
29	visiting the home of Mrs. Curtis, conveyance.....	50
	investigating home of Milliard I. Fredenburg, Hanover, to place Sam Driscoll, conveyance.....	2 50
	telephone.....	25
	dinner and supper.....	50
30	meet S. Driscoll at train, conveyance.....	1 50
Aug. 1	investigating the home of I. A. Cooley, conveyance.....	1 75
	dinner.....	25
2	meet Wm. Leslie from Reform School.....	50
	dinner.....	50
3	hunting for Stanley Rodebaugh, escaped from Reform School No charge.	
5	visiting home of O. L. Morrison, city, conveyance.....	50
10	investigating home of Dennis Keliber, conveyance.....	2 00
	telephone.....	25
	dinner and supper.....	75
11	investigating home of Geo. Smalley, Napoleon township, conveyance.....	2 00
	supper.....	50
12	visiting Sager Christian, Columbia township, and Willie Kirk, Liberty township, dinner and supper.....	3 00
13	conveyance.....	2 00
	Dan'l Lindsay, visiting Liberty.....	25
	dinner.....	75
	investigating the home of J. O. Tatreau, conveyance.....	25
	supper.....	25
15	visiting home of O. L. Morrison, telephone.....	50
Apr. 19	J. B. Judkins,	
	For railroad fare from Reed City to Grand Haven and return to hold court in pursuance of annexed order.....	6 00
	dinner at D. G. H. & M. Junction.....	50
July 25-6	hotel bill at Grand Haven.....	5 00
	railroad fare to Grand Rapids and return to hear case partially heard at Grand Haven April 19-20, 1892.....	4 00
Aug. 22	hotel bill at Grand Rapids, 2 days.....	6 00
	railroad fare from Reed City to Grand Haven and return to finish case partially heard in April and July aforesaid.....	6 00
22-6	hotel bill at Grand Haven, 5 days.....	12 50
<i>Allowed September 28, 1892.</i>		
June 15	Daniel Walters,	
	For services and expenses as county agent of Eaton county:	
	visiting home of Ruby Ruber with the family of Thos. K. Hinery of Benton	3 00
	railroad ticket from Eaton Rapids to Charlotte and return.....	55
	livery Charlotte.....	1 00
	dinner Charlotte.....	25
Sept. 9	1 day inspecting jails.....	3 00
	railroad fare from Eaton Rapids to Charlotte and return.....	55
	dinner at Charlotte.....	25
Aug. 26	investigating case of Lewis and Henry Beaman, disorderly conduct, before justice of the peace.....	3 00
Sept. 14	visiting home of William Mathias at Charlesworth.....	3 00
	livery in country.....	1 00
20	visiting home of Guy Farnham at Charlotte.....	3 00
	Amount carried forward.....	\$3,964 13

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 26, 1892.</i>	
Sept. 20	Amount brought forward	\$3,264 13
	Daniel Walters.	
Aug. 24	For railroad fare from Eaton Rapids to Charlotte and return	53
	services and expenses in the case of Myrtle I. Newcomb.	
	railroad fare Eaton Rapids to Charlotte and return	53
	dinner, Charlotte	25
	postage from June 22 to August 26	24
22	Martin E. Miller.	
	For services and expenses as county agent of Shiawassee county:	
	livery for conveying child	2 00
28	finding home for Leonard H. Farmon, livery	2 00
25	conveying Leonard H. Farmon from J. Leatherman to the home of A. H. Whittaker, car fare	63
	supper for self	35
31	removing Pearl Hover from Mrs. Watson's, car fare	20
	livery	1 00
	supper for self and girl	70
Sept. 6	boarding girl 1 week	3 00
	placing girl in the home of Mrs. P. Van Camp's, car fare, self and girl	2 65
	2 dinners at Howell	70
	supper, lodging and breakfast at Howell	1 50
15	visiting Sylva Reese, car fare	1 22
	supper for self	28
16	visiting Edward Winterle, 1/2 day, livery	1 00
8	investigating home of L. Vandyna, an applicant for child from Reform School:	
	livery in above case	2 00
12	visiting Eben L. Carter, a ward of the Reform School, living with Allan Beard:	
	livery	2 00
	supper for self	35
10	George Davis.	
	For conveying Claude Jaynes from West Bay City to State Reform School:	
	railroad fare for self and boy	5 00
	hack fare at Bay City	1 00
	" " Lansing	75
	dinner and supper at Lansing	1 00
	time 1 1/2 days	4 50
July 13	Albert Miller.	
	For services and expenses as county agent of Bay county:	
	visiting and reporting condition of the home of John B. Mealinda, an applicant for child from State Public School	3 00
	expenses, hack fare at Bay City	50
	railroad fare, 40c; hack, 25c	65
Aug. 13	visiting home, investigating and reporting the matter of Andrew Tompson, who ran away from his home with Jas. Henry, town of Portsmouth.	3 00
	expenses, livery hire	1 00
19	visiting and reporting condition of the home of Wm. I. Ward, an applicant for a child from State Public School	3 00
	expenses, livery hire	2 00
25	visiting and reporting condition of the home of A. Bird Henry, an applicant for child from the State Public School	3 00
	hack hire, two hours	1 50
July 11	A. J. Campbell.	
	For services and expenses as county agent of Chippewa county:	
	investigating case of Ida Florence Peters, tried for truancy and disorderly conduct, sent to Adrian	3 00
Sept. 9	trial for truancy, Peter and Frank McDonald, trespass	3 00
12	Frank Vandoozen, trespass	3 00
13	Frank Lessard, trespass	3 00
16	inspecting county jail	3 00
July 12	E. E. Thayer.	
	For conveying Frank Conklin, alias Harry B. Collier, from Sheridan, Michigan, to State Reform School:	
	railroad fare, self, to Lansing and return	1 70
	" " Harry B. Collier	85
	dinner for two	1 00
	one day's time for self	3 00
Sept. 8	Wm. J. Robinson.	
	For services and expenses as county agent of Lapeer County:	
	investigating home of Geo. W. Miller	3 00
	livery hire	2 50
	dinner and horse feed	50
	Amount carried forward	\$3,444 74

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed September 29, 1892.</i>		
July 13	Amount brought forward.....	\$3,444 74
	David Cunningham,	
	For services and expenses as county agent of Calhoun county:	
	investigating home of Chas. W. Wheelock, an applicant for girl from Industrial Home:	
	1 day, \$3.00; railroad fare, 28 miles, 50c.....	3 80
	dinner, 50c; supper, 50c.....	1 00
Aug. 12	investigating home of Mrs. Hamilton, 1 day.....	3 00
	railroad fare, 28 miles, 80c; dinner, 50c.....	1 30
	supper.....	50
17	investigating home of Margaret Cooper, an applicant for girl from State Public School, 1 day.....	3 00
	railroad fare, 28 miles.....	80
	dinner, 50c; supper, 50c.....	1 00
22	investigating home of Mrs. A. E. Williams, Battle Creek, an applicant for girl from State Public School, Coldwater, 1 day.....	3 00
	railroad fare from Marshall to Battle Creek and return.....	80
	dinner, 50c; street car fare, 10c.....	60
	supper.....	40
24	investigating home of T. Brown, Battle Creek, case E. Munn, 1 day.....	3 00
	railroad to Battle Creek and return.....	80
	dinner.....	50
	street car fare.....	10
5	investigating home of Georgia Weaver, 1 day.....	3 00
	railroad fare from Marshall and return.....	80
	dinner.....	50
30	Patrick McGinty,	
	For conveying Rob't Cameron and Jos. Newman from Marquette to State Reform School:	
	railroad fare, Marquette to Lansing, Cameron.....	14 15
	" " " " Newman.....	14 15
	" " " " self.....	14 15
	sleeper for three, Marquette to Bay City.....	5 25
	3 suppers on cars.....	1 50
31	3 breakfasts Bay City.....	1 50
	carriage at Lansing.....	1 00
	dinner and supper at Lansing.....	1 00
	1 railroad fare, return.....	14 15
	sleeper Grand Rapids to Marquette.....	3 25
Sept. 1	breakfast Mackinaw City.....	50
	3 days' service.....	9 00
Aug. 24	Edward Taylor,	
	For services and expenses as county agent of Jackson county:	
	meeting Geo. Willets at depot and taking him to his home in city.....	1 00
Sept. 2	conveyance.....	1 00
13	investigating Mrs. Brown, conveyance.....	1 00
	visiting James Toole, conveyance.....	50
	supper.....	50
14	visiting John T. and Wm. Leslie, in Leoni township, conveyance.....	2 00
	dinner and supper.....	50
16	visiting George Osterlee in the township of Francisco, car fare.....	70
	conveyance.....	1 50
	dinner and supper.....	50
17	visiting Sam Driscoll in Hanover township, conveyance.....	2 00
	dinner and supper.....	50
	postage.....	36
June 25	C. L. Jenney,	
	For services and expenses as county agent of Midland county:	
	visiting Harry Alford, Mary Hens and Willie Green, 1 day.....	3 00
24	1 day looking after Arthur Louis.....	3 00
	horse and buggy.....	2 50
28	1 day looking after Caleb Davis.....	3 00
	horse and buggy.....	2 50
Sept. 17	Stephen Fishbeck,	
	For services and expenses as county agent of Livingston county:	
	visiting Fred Bouman.....	3 00
	horse and carriage.....	2 00
	dinner and horse feed.....	50
July 1	investigating home, M. Z. Gardner.....	3 00
	horse and carriage.....	2 00
23	visiting Alice Smith, home of Wm. Wenk.....	3 00
	horse and carriage.....	2 00
	Amount carried forward.....	\$3,562 30

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1882.</i>	
	Amount brought forward	\$3,582 30
Sept. 6	Stephen Fishbeck.	
	For investigating home of Martin Bancary	3 00
16	horse and carriage	2 50
July 28	inspecting jail	3 00
	Alexander P. McManamy.	
	For services and expenses as county agent of Wexford county:	
	visiting and reporting on home of Wm. Dolan, a ward of State Public	
	School, 1/4 day	1 50
Aug. 1	visiting N. Smith, a ward of State Reform School	1 50
6	" Arthur Miller, a ward of State Reform School, 1 day	3 00
	car fare to Cadillac and return	65
	dinner	25
	visiting Edie Devilo, a ward of State Reform School, living with parents	
	at Cadillac, and visiting home of Eugene Quackenbush, a ward of Reform	
	School, 1 day	3 00
	car fare to Cadillac and return	65
	dinner	25
Sept. 14	inspecting jail	3 00
	car fare to Cadillac and return	65
	dinner at Cadillac	25
July 18	Edward Corseilus.	
	For services and expenses as county agent of Midland county:	
	visiting, investigating and reporting on the home of James Rivers, an	
	applicant for a girl	3 00
	conveyance to and from Rivers	1 00
Aug. 2	visiting Kittie Green at her home, visiting Earnest Strobel at her home, vis-	
	iting Thompson J. Stridler at a home	3 00
	conveyance to and from above places	2 50
4	visiting Geo. Nelson at his home, visiting Geo. Hinds at his home	3 00
	conveyance to and from Bailey's	2 50
6	visiting Oscar Williams at his home, visiting Royal Wells at his home	3 00
	conveyance	2 50
8	visiting Frank Booker at his home, visiting Goldie Cora Westfall at her	
	home	3 00
	conveyance to and from Dammings	2 50
	visiting Charles Butler at his home	3 00
	conveyance to and from	2 50
12	visiting home of Maud E. Livingston, visiting of Tillie Nelson	3 00
	conveyance to and from above	2 50
16	visiting Fred Jacobs at his home	3 00
	conveyance	2 50
19	visiting Geo. Matthews at his home	3 00
	conveyance to and from	2 50
22	visiting Willie McCrae at his home	3 00
	conveyance to and from	2 50
July 8	investigating the case of Earl Howey, arrested for theft	3 00
	railroad fare to and from Coleman	1 10
Aug. 15	investigating and advising with Geo. B. Stanford, justice of the peace, in	
	the case of Lewis Meyers	3 00
May 1	B. E. Finch.	
	For services and expenses as county agent of Gladwin county:	
	visiting Warren W. Winter, a ward of State Public School, living with	
	Frank Farewell, one day	3 00
Aug. 13	investigating home of L. C. Deremo, an applicant for child from State	
	Public School, one day	3 00
	livery, dinner and horse feed	2 00
	E. B. Evans.	
	For services and expenses as county agent of Clare county:	
	visiting home of John Buckbrough to find home for Mattie Kure, 1/4 day ..	
	livery hire	1 50
Sept. 18	Wm. M. Myron.	
	For conveying John Wilson and Hugh Wilson from Port Huron to State Reform	
	School	
	hack at Port Huron for three	75
	railroad fare for prisoners	4 00
	" " officer and return	4 00
	hack at Lansing for two	50
	" " three	75
12-14	supper, bed and breakfast	1 50
	hack at Port Huron returning	25
	2 days	6 00
	Amount carried forward	\$3,716 05

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$3,716 05
July 6	Chas. D. Petershans, For services and expenses as county agent of Tuscola county:	
	visiting Freddie Smith, 1 day	3 00
	livery	1 50
Aug. 3	visiting Lewis Gend, 1 day	3 00
	livery	1 50
10	visiting Oliver E. Baltzell, 1 day	3 00
	livery	1 00
Sept. 12	David Lankester, For expenses incurred in conveying Anna Slesink from Kent county to State Public School:	
	hack to depot	75
	ticket to Coldwater for self	3 25
	1/2 ticket for girl	1 65
	hack at Coldwater	1 00
13	hotel bill	2 00
	ticket from Coldwater to Grand Rapids	3 25
12	meals at White Pigeon	1 00
7	Wm. J. Robinson, For services and expenses as county agent of Lapeer county:	
	inspecting jail	3 00
6	Henry Platts, For conveying James B. Gilbert from Rogers City to State Reform School:	
	boat fare from Rogers City to Detroit and return	12 00
	car fare from Detroit to Lansing and return	3 00
8	" " for boy	5 10
	supper at Hotel Downey, Lansing	1 30
	breakfast and lodging Wayne Hotel	50
	4 meals at Gies' restaurant, Detroit	1 00
9-10	lodging and breakfast at Wayne Hotel	2 00
	6 days' services conveying James B. Gilbert to Lansing and return, at \$3 per day, from September 6 to September 12	1 00
June 13	J. T. Rorick, For conveying Levi Smith from Bad Axe to State Reform School:	18 00
	car fare to Saginaw and return, self	4 00
	" " Flint and return, self	1 95
	" " Lansing and return, self	1 98
	" " Saginaw, boy	2 00
	" " Flint, boy	1 00
	" " Lansing, boy	99
	dinner Saginaw, self and boy	1 00
	hack at Lansing to school	1 00
14	supper, lodging and breakfast, Hudson House	1 50
	hack	25
	dinner Saginaw	50
	2 days' time	6 00
Aug. 4-5	Chas. H. Waterloo, For services and expenses as county agent of St. Clair county:	
	visiting Martha Arnold, ward of State Industrial Home, also the home of Moses Merritt, applicant for girl.	
	fare on steamer Mary to Port Huron and return	50
	railroad fare to Atkins Station and return to Port Huron	65
	dinner 25c, livery \$1	1 25
	supper, lodging and breakfast, Port Huron	1 00
July 26	investigating case Frank Katalbert, charged with slander before justice of peace	3 00
	boat fare to Port Huron	35
	lodging and breakfast at Port Huron	75
	railroad fare to Capac and return	1 00
	dinner and supper at Capac	80
	telephone, Capac to St. Clair	30
	boat fare, Port Huron to St. Clair	35
8	investigating case of Ira Monks, charged with truancy before Henry J. Robeson, justice of peace:	
	boat fare to Port Huron and return	50
15	investigating case of Caroline Harrison, charged as disorderly before justice of peace	3 00
	boat fare, Port Huron and return	50
	dinner at Port Huron	35
19	investigating case of Edith Monroe, disorderly, before justice of peace, 1 day boat fare, Port Huron and return	3 00
	dinner, 40c; car fare, 10c	50
20	investigating case of Thos. Alexander and John W. Wilson, larceny, 1/2 day .. boat fare, Port Huron and return	1 00
	" "	50
	Amount carried forward	\$3,880 82

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 26, 1892.</i>	
	Amount brought forward	\$2,830 82
July 20	Chas. H. Waterloo.	
	For dinner at Port Huron	35
Aug. 2	investigating case of Jas. McPhail, truancy, before justice of peace:	
	boat fare, Port Huron and return	50
Sept. 12	investigating case of John and Hugh Wilson, charged with truancy before justice of peace:	
	boat fare, Port Huron and return	50
	dinner at Port Huron	35
9-10	visiting Carrie Tecosh, a ward of State Public School, living with Wm. Fuller:	
	fare on steamer, Port Huron and return	50
	railroad fare, Port Huron to Jeddo and return	1 00
	dinner at Jeddo, 25c; livery, \$1.00	1 25
	supper, lodging and breakfast, Port Huron	1 00
June 29	visiting the home of Mrs. Captain, whose son is a ward of the State Reform School, 1 day.	3 00
	boat fare, Port Huron and return	50
	dinner, Port Huron	35
July 22	visiting Thos. Sullivan, Walter O. Hohn, Frank Johnson, wards of the State Public School, at home with parents, 1 day	3 00
	boat fare to and from Port Huron	50
	dinner, 35c; car fare, 10c	45
Aug. 1	visiting Edward Holling, a ward of State Reform School, 1/4 day	1 50
	fare on steamer Greyhound	35
	" returning	35
8	visiting F. Pelkey, a ward of State Reform School, 1/4 day	1 50
	fare on steamer to Marine City and return	50
	dinner at Marine, 50c; livery, 25c	75
Sept. 15	visiting Frank Johnson, ward of State Reform School:	
	boat fare to Port Huron and return	50
	dinner	
Aug. 11	Mrs. A. J. Tallierday.	
	For expenses incurred in conveying Zella Ella Lane from Cass county to State Public School at Coldwater:	
	railroad fare from Cassopolis to South Bend	55
	1/4 fare to Cassopolis	30
	bus	50
	railroad fare from South Bend to Coldwater	2 05
	1/4	1 05
	bus to State School	1 00
	hotel bill	1 00
	bus	25
	railroad fare from Coldwater to South Bend	2 05
12	bus	25
	hotel bill	1 50
	bus	25
	railroad fare from South Bend to Cassopolis	55
26	A. W. Moshier.	
	For services and expenses as county agent of Van Buren county:	
	investigating the home of Mrs. Conley, mother of Eugene Conley, a ward of Reform School, one day	2 00
	livery in above case	1 50
	dinner for self, 25c; horse feed, 25c	50
29	investigating the home of Mrs. Fairbanks, mother of Harry Fairbanks, a ward of State Reform School, one day	2 00
	livery	1 50
	dinner, self, 25c; horse feed, 25c	50
17	investigating home of Frank Kipp, an applicant for child from State Public School, one day	2 00
	livery in above case	1 50
25	investigating home of Reuben Hatch, an applicant for child from State Public School, one day	3 00
	livery in above case	1 50
July 9	W. B. Downer.	
	For services and expenses as county agent of Branch county:	
	attending court and investigating case of Clarence Ashmore and Robert Reed, for larceny	3 00
June 26	visiting Bert Collins	3 00
	livery	2 00
27	visiting Fred Smith	3 00
	livery	1 40
28	visiting Bertha Stewart	3 00
	Amount carried forward	\$3,295 17

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$3,895 17
Aug. 19	W. B. Downer,	
	For investigating home Edna Fuller	3 00
	livery	1 50
May 6	Investigating home of Garber Nichols, an applicant for a ward of Industrial Home	3 00
Sept. 17	visiting Louis Ferguson	3 00
Aug. 4	John O'Gorman,	
	For services and expenses as county agent of Saginaw county:	
	Herbert LaLond for larceny	3 00
	livery to Carrolton	1 00
7	Wm. Paul, tried before Otto Stampell for larceny	3 00
10	Minnie John, larceny	3 20
5	conveying Arthur Bonners and Chas. Kopyler from Saginaw to State Reform School:	
	hack fare at Saginaw, self and two boys	75
	railroad fare for self and two boys	5 55
	hack fare for self and two boys, Lansing	75
	dinner at Lansing for self	50
	supper	50
	1½ days	4 50
	railroad fare, return from Lansing	1 35
	hack fare at Saginaw	25
Sept. 19	Alanson Partridge,	
	For conveying Agnes Clark from Birmingham to State Industrial Home:	
	livery to convey prisoners	1 00
20	railroad fare, self and prisoner, to Adrian	6 35
	dinner at Griswold house	1 00
	hack at Adrian	1 00
	hotel bill: supper, lodging and breakfast	1 50
	3 days' services	6 00
	S. H. Preston,	
	For services and expenses as county agent of Ingham county:	
	visiting home of B. L. Morris at Kalamo, at the request of Hon. O. M. Barnes, a member of the Board of control, to secure a home and care for Cora Morris an inmate of State Industrial Home	3 00
	railroad fare Charlotte and return	74
	livery, Charlotte to Kalamo	2 00
	dinner at Charlotte	50
	street car fare at Lansing	10
9	investigating home of Wm. Reeves at Delta Mills	3 00
	carriage to Delta	1 50
22	visiting home of Jas. Barnes at Mason to see Juston E. Gilbert out on leave of absence	3 00
	railroad fare Mason and return	70
	dinner at Mason	35
	car fare at Lansing	10
23	visiting Walter Hahn living with his mother, Mrs. Louisa Hahn	3 00
	visiting Harry McLeod living with his parents on Washtenaw street, livery	50
Aug. 24	visiting Henry Sase, living with Wm. Dunlap, and Eddie Sase, living with Gillet Jones in Leroy township	3 00
	railroad fare Webberville and return	1 20
Sept. 20	meeting board of jail inspectors and inspecting jail at Mason	3 00
	railroad fare Mason and return	70
	dinner at Mason	35
	car fare at Lansing	10
14	Fred Rode,	
	For services and expenses as county agent of Newaygo county:	
	visiting Jas. Fleming, a ward of Reform School, ¼ day	1 50
	livery	1 00
Aug. 24-7	Wm. M. Hathaway,	
	For services and expenses as county agent of Kent county:	
	Eddie Baker, with Truman S. Putman	30
	stationery	05
29	Eddie Baker, visiting Grandville Station to find home for boy	1 50
29, 30	livery, \$1.50; toll, 5c; lunch, 25c	1 80
	supper, lodging and breakfast for boy, Grand Rapids	75
	stationery	05
23	Thomas Gallagher, jumping on moving train	30
	car fares	10
24	Chas. Smith, jumping on train	30
	car fares	10
30	Gerrit Shaeade, jumping on train	30
	Amount carried forward	\$3,952 76

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed September 23, 1892.</i>	
	Amount brought forward	\$3,982 76
Aug. 30	Wm. M. Hathaway,	
	For car fares	10
	Henry Zouers, 1 hour	30
	car fares	10
	Will Richter, 1 hour	30
	car fares	10
	Fred Lindeberg, 1 hour	30
	car fares	10
Sept. 4	Tony Fisher, disorderly, 3 hours	90
	car fares	25
8, 6	Horace Lindaley, larceny, 3 hours	90
	car fares	30
8	Lucius McDonald, larceny, 1 hour	30
	Earnest " " 1 "	30
	car fares	20
10	Arthur Raymond, 1 hour	30
	car fares	10
12	Laren Cole, 2 hours	60
	car fares	10
14, 15	Frank Nowakoskie, larceny, 2 hours	60
	Leo Nowakoskie, 2 hours	60
	car fares	40
15	Leo Modjeskie, larceny, 1 hour	30
	Frank Modjeskie, larceny, 2 hours	60
	car fares	25
18-19	Frank Irwin, jumping on train	60
	car fares	20
20-21	Chas. Blunn, disorderly, 2 hours	60
22	Jas. Boker, gambling, 2 hours	60
	car fares	15
	" " " "	20
	Wm. Broxmeier, larceny, 2 hours	60
	car fares	10
22-23	Leo Nowakaskie, 2 hours	60
	car fares	10
	Frank Nowakaskie	60
	car fares	10
23	Frank Irwin, larceny	60
	car fares	15
24	Frank Kampfschulte, assault and battery	60
	car fares	20
26	stationery	03
	conveying Frank Irwin from Grand Rapids to State Reform School:	
	1 day's service	3 00
	car fares	10
	railroad fare, self to Lansing	1 95
	" " boy	1 95
	supper at Lansing, self	50
	car fare	05
	railroad fare, self, Lansing to Grand Rapids	1 95
	car fare	05
	stationery	08
17	conveying Leo. Modjeskie from Grand Rapids to State Reform School:	
	1 day's service	3 00
	expense, street car fares	10
	railroad fares, Lansing, self	1 95
	" " boy	1 95
	supper, self, Lansing	50
	bus. hotel to depot, Lansing	25
	railroad fare, self, Lansing	1 95
	street car fare	05
	stationery	03
22	Warren H. Howe,	
	For services and expenses as county agent of Kalamazoo county:	
June 16	1 day inspecting jail	3 00
	investigating the home of L. T. Clark	3 00
	dinner and horse feed	75
Aug. 18	going to M. L. Robinson's to settle with him for Jad Wilson, livery	3 00
22	investigating Clara Shaler, livery	1 50
23	transferring Clara Shaler from the home of Clarence Winterburn	1 50
Sept. 16	" " Lotta Koppler from L. H. Wood of Falton to Kalamazoo, in	
	the home of John Allen, livery	5 00
	dinner and horse feed	75
	Amount carried forward	\$4,034 95

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Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
	Amount brought forward	\$4,179 15
Sept. 2	Geo. McCarthy,	
3	For supper, lodging and breakfast	1 50
	railroad fare from Fond du Lac to Escanaba	5 10
	dinner at Marinette, Wis.	50
	bus fare from depot to jail	25
	5 days' services at \$3 per day	15 00
Aug. 29	J. G. Rogers,	
	For expenses incurred in conveying Sylvester and Beale Hook from Baldwin to	
	State Public School:	
	livery hire from county house to station	1 50
	1 railroad fare from Chase to Reed City	30
	2 half fares	29
	1 railroad fare from Reed City to Sturgis	4 00
	2 half fares from Reed City to Sturgis	4 00
	dinner at Grand Rapids	75
	hack hire at Sturgis	25
	supper at Sturgis	75
	1 railroad fare from Sturgis to Coldwater	79
	2 half fares	70
30	lodging and breakfast at Coldwater	75
	1 railroad fare from Coldwater to Sturgis	70
	1 " " Sturgis to Reed City	4 60
	dinner at Grand Rapids	35
	supper at Reed City	25
	1 railroad fare from Reed City to Chase	20
Sept. 16	Mrs. Jas. P. King,	
	For conveying Lorenzo Bates from Ithaca to State Industrial Home:	
	car fare, Ithaca to Adrian for self and girl	8 30
	dinner at Jackson	50
	bus fare at Adrian	1 25
	car fare, Adrian to Ithaca	3 95
17	supper, breakfast and lodging at Midland	1 50
	bus fare at Ithaca	50
	2 days' time @ \$3.00	6 00
	Henry Stebbins,	
	For 8,500 congressional district maps, lower peninsula,	
	8,500 " " upper " "	
	8,500 judicial circuits " " lower " "	
	8,500 " " upper " "	
	8,500 railroad " " lower " "	
	8,500 " " upper " "	
	22,500 representative district " " lower " "	
	22,500 " " upper " "	
	22,500 senatorial " " lower " "	
	22,500 " " upper " "	
	141,000 maps, total at contract price, \$15.00 per M	\$2,256 00
	10 boxes, C. & G. T. R'y.	
	deduct for amount of express paid on goods that should have	
	been sent by freight	10 00
		2,246 00
Aug. 1-2	Western Union Telegraph Co.,	
	For messages to members of legislature	78 54
	City of Lansing,	
	For taxes assessed in July for the year 1892 upon the following described tract	
	of land:	
	3d ward, east ¼ block 125, special tax, Walnut street sewer, No. 3	60 00
	" " block 124, sidewalk tax	35
	4th ward, " 78, special tax, Seymour and Lapeer street sewer	27 20
	" " 79, " Walnut street sewer, No. 2	6 08
	See section 18, title XI, and section 27, title XII, charter of Lansing.	
	<i>Allowed October 26, 1892.</i>	
Oct. 8	Walter T. Smith,	
	For conveying Glen Hardy from Stanton to State Reform School:	
	railroad fare from Stanton to Lansing, self	1 00
	¼ fare from Stanton to Lansing, Hardy	85
	hack	75
	railroad fare, Lansing to Stanton	1 00
	1 day's time	3 00
Aug. 9	Josephine McMillan,	
	For conveying Ella May Austin from Ingham county to State Public School:	
	railroad fare, self and child Lansing to Coldwater	3 45
	Amount carried forward	\$6,674 00

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$6,674 80
Aug. 9	Josephine McMillan,	
10	For meals	1 00
	railroad fare, Coldwater to Lansing	2 30
5	hack	75
	William A. Betts,	
	For services and expenses as county agent of Benzie county:	
	visiting Arthur Grandon, a ward of Reform School, living with Henry	
	Averill, 1 day	3 00
	railroad fare	55
	dinner	25
July 16	investigating the case of Mabel Waterbury, charged with disorderly con-	
	duct and truancy, before A. Brown, justice of the peace, 1 day	3 00
	railroad fare	55
Sept. 18	investigating the case of Geo. Mead, charged with assault and battery,	
	before H. Powell, justice of the peace, one day	3 00
	railroad fare to Thompsonville and return	70
	dinner	25
July 25	Tracy Townner,	
	For services and expenses as county agent of Washtenaw county:	
15	investigating former home of George Johnson, ward of Reform School	3 00
	investigating home of Gardner W. Snyder, an applicant for a child from	
	State Public School, 1 day	3 00
	car fare to Dexter and return	1 00
	livery at Dexter	1 50
18	investigating home of Mrs. George M. Sly, an applicant for child from State	
	Public School, 1 day	3 00
	car fare to Ann Arbor and return	80
	livery at Ann Arbor to Dexter and return	2 00
	dinner at Dexter	50
25	visiting Hattie Roush, a ward of State Public School, living with Joseph	
	Staebler	3 00
	car fare, Ann Arbor and return	80
	livery at Ann Arbor	1 50
Aug. 2	going to Milan after Rosa Smith, a ward of State Public School, 1 day	3 00
	livery to Milan and return	2 50
10	investigating case of John Corey, Charles Paine and Ulyses Paine, charged	
	with malicious trespass before Wm. Bacon, justice of peace of Chelsea, 1	
	day	3 00
	car fare, Chelsea and return	1 50
	dinner	50
26	investigating case of Bert Whiting, charged with larceny before F. P.	
	Bogardus, justice of peace	3 00
Sept. 8	investigating case of Lewis Wint, Matt O'Hearn and William Mallion	
	before F. P. Bogardus	3 00
16	inspecting jail at Ann Arbor	3 00
	car fare, Ann Arbor and return	80
	dinner, Ann Arbor	50
24	investigating case of Bert Baller, Lou Tibbels, Henry Gorton, charged with	
	throwing missiles before F. P. Bogardus	3 00
1	Fred Rode,	
	For services and expenses as county agent of Newaygo county:	
	visiting Clare E. Weeks, a ward of State Public School, living with Mary	
	Sailor, ¼ day	1 50
10	visiting Fred Warner, a ward of State Public School, living with D. Traver,	
	¼ day	1 50
	livery, 6 miles	1 00
13	visiting Nellie Fatherly, a ward of State Public School, living with C. K.	
	Carter, ¼ day	1 50
15	visiting John Johnson, a ward of State Public School, living with Jack	
	Leonard, 1 day	3 00
	livery, 11 miles	2 00
	dinner for self and horse	75
19	visiting Rich Ching, a ward of State Public School, living with O. Heathly.	
	livery, 12 miles	3 00
	dinner for self and horse	2 00
	dinner for self and horse	75
21	visiting Mary Ballick, a ward of State Public School, living with Mrs. M.	
	Tiffany	3 00
	livery, 22 miles	2 50
	dinner for self and horse	75
28	visiting Edgar Stockton, a ward of State Public School, living with W. A.	
	Northrup	3 00
	livery, 36 miles	2 50
	dinner, supper, lodging, breakfast	1 00
	Amount carried forward	\$6,762 10

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State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$6,762 10
Sept. 28	Fred Rode.	
29	For horse feed and over night.....	50
	visiting Glen Parks, a ward of State Public School, living with William Hubbell	3 00
	livery, 25 miles	2 50
	dinner, self	25
	feed for horses	50
	supper	25
Oct. 1	inspecting jail, 1 day	3 00
3	James B. Dilley	
	For expenses incurred in conveying Herbert Graham from Berrien county to State Public School:	
	back fare Berrien Springs to Berrien Center	35
	fare, Berrien Center to Elkhart	90
	street cars	05
	fare, Elkhart to Coldwater	1 00
	back to School	75
	supper	35
	fare, Coldwater to Elkhart	1 00
4	lodging, breakfast and dinner	1 25
	fare from Elkhart to Berrien Center	90
	back to Berrien Springs	25
June 30	Henry Bush,	
	For conveying William McCormick and Burton McCormick from Kalamasoo to State Public School:	
	railroad fare to Coldwater, self and two boys	2 30
	back to School, self and two boys and my return	75
	hotel	1 50
	lunch for boys	25
	railroad fare, Coldwater to Kalamasoo	1 30
July 1	William R. Jones,	
	For conveying Malen Sherwood from Edmore to Reform School:	
	2 days' time	6 00
	railroad fare, prisoner, Edmore to Lansing	2 25
	" " self	4 50
	dinner, self and prisoner at Ionia	50
2	supper, lodging and breakfast for self at Lansing	1 50
	dinner at Ionia	25
Sept. 29	Michael O'Boyle,	
	For conveying Frankie Bowers and Charles E. Johnson from Isabella county to State Public School:	
	railroad fare, Mt. Pleasant to Lansing	2 60
	1/4 railroad fare, Mt. Pleasant to Lansing	1 30
	bus at Mt. Pleasant	25
	railroad, Lansing to Jackson	1 10
	1/4 railroad fare, Lansing to Jackson	55
	lunch for boys at Owosso	15
	railroad fare, Jackson to Coldwater	1 95
	3 dinners at Jackson	85
	carriage to school	1 00
	supper, bed and breakfast, Coldwater	1 50
30	railroad fare Coldwater to Adrian	1 65
	street car fare, Adrian	10
	dinner, supper, bed and breakfast, Adrian	1 50
Oct. 1	railroad fare, Adrian to Milan Junction	65
	dinner at Milan	25
	railroad fare Milan to Mt. Pleasant	4 20
	supper at Durand	35
Sept. 6-7	Fred D. Clark,	
	For conveying Wesley Mallory from Rondo to State Reform School:	
	railroad fare to Lansing and return	12 70
	" " for Wesley Mallory	6 35
	breakfast and dinner going	1 00
	supper and breakfast returning	1 00
	2 days' time	6 00
Oct. 6	James H. Eaton,	
	For conveying Frank H. Collins and William H. Smith from Ypsilanti to State Reform School:	
	1 1/4 days' time	4 50
	3 fares Ypsilanti to Ann Arbor	90
	3 fares Ann Arbor to Lansing	5 70
	supper at Howell	50
	fare Lansing to Ann Arbor	1 90
	fare Ann Arbor to Ypsilanti	30
	Amount carried forward	\$6,962 50

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
Sept. 24	Amount brought forward	\$6,862 50
	William J. Robinson,	
	For services and expenses as county agent of Lapeer county:	
	investigating case of Willie Hill before B. F. Perkins, justice of the peace,	
	1 day	3 00
	horse and buggy 24 miles	2 00
	dinner for self 25c, feed for horse 25c	50
Oct. 10	investigating case of Bert Rollson and Willie Rollson charged with larceny	
	before Jos. R. Hodson, 1 day	3 00
	livery 20 miles	2 00
	dinner	50
	horse feed	25
July 7	Alex. Cameron,	
	For services and expenses as county agent of Charlevoix county:	
	visiting home of William Hartley, living with William Baker	3 00
	livery hire	2 00
Oct. 8	Elmer Stamp,	
	For services and expenses as county agent of Cass county:	
	inspecting jail	3 00
Sept. 16	Wright Havens,	
	For services and expenses as county agent of Crawford county:	
	inspecting jail	3 00
6	J. W. Finch,	
	For services and expenses as county agent of Lenawee county:	
	attending hearing of Carrie Sanders in court of Justice Westerman	3 00
9	" " " Minnie E. Wilcox before Justice Westerman	3 00
23	inspecting jail	3 00
30	S. H. Preston,	
	For services and expenses as county agent of Ingham county:	
	investigating case of Jacob Gibe before C. P. Leasher, justice of peace.	3 00
Oct. 14	" " " Minnie Smith "	3 00
	carriage to North Lansing	50
24	investigating case of Fred Storey, before P. H. Dolan, justice of peace	3 00
July 12, 18	Alfred Mead,	
	For services and expenses as county agent of Ontonagon county:	
	attending trial of Lewis Blackwood in justice court, 1 day	3 00
	" " " same in circuit court, 1 day	3 00
Sept. 30	inspecting jail, 1 day	3 00
Oct. 7	A. J. Campbell,	
	For conveying Charles Quinn from Sault Ste Marie to Reform School:	
	bus fare for two to station	50
	railroad fare for two to St. Ignace	6 00
	tea for two at Soo Junction	1 00
	ferry for two from St. Ignace to Mackinaw	1 00
	beds for two at Mackinaw station hotel	1 50
8	breakfast for two, Mackinaw station hotel	1 00
	fare to Grand Rapids for two, G. R. & I. R. R.	13 60
	dinner at Cadillac for two	1 00
	tea at Grand Rapids for two	1 00
	fare to Lansing	3 90
	cab to School	1 50
	bed at Hudson House, self	50
9	breakfast, Hudson House, self	50
	dinner, "	50
	fare to Grand Rapids	1 25
	" " Mackinaw	6 80
	tea at Grand Rapids	50
10	breakfast at Mackinaw	50
	ferry to St. Ignace	50
	fare to Sault Ste Marie	3 00
	dinner at Soo Junction	50
	per diem	12 00
19	Wm. J. Robinson,	
	For services and expenses as county agent of Lapeer county:	
	investigating home of B. C. Hough, an applicant for a girl from Industrial	
	Home	3 00
	horse and buggy, six miles	1 00
Aug. 30	Thos. Keyes,	
	For services and expenses as county agent of Ionia county:	
	investigating case of Earl Monroe for larceny before Clark C. Edwards,	
	justice of peace at Lyons:	
	car fare, Ionia to Lyons and return	30
	dinner at Lyons	35
	Amount carried forward	\$6,978 15

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$6,973 15
Aug. 31	Thos. Keyes. For conveying Earl Monroe to Reform School: 1 day's time	3 00
	fare, self and boy to Lansing	2 30
	dinner at Lansing	50
	fare, self, Lansing to Ionia	1 15
Sept. 12	visiting Chas. Palmer, a ward of Reform School, living with W. H. Palmer, 1 day	3 00
	fare to Belding and return	90
	dinner, Belding	30
14	visiting Geo. Charity, living with W. J. Brown, 1 day	3 00
	fare to Mulliken and return	2 00
	livery, Mulliken	1 00
	dinner and supper at Mulliken	50
23	investigating case of Burt Hannah, charged with assault and battery before Henry L. Mitchell	1 00
Oct. 4	A. B. Bell, For conveying Alfred Linequist from Menominee to State Reform School: team to train	50
	railroad fare, Menominee to Lansing	27 22
	supper at Marquette for two	1 00
	sleepers, 2 berths	4 00
5	breakfast at Chicago, two	1 00
	dinner at Battle Creek, two	1 00
	hack at Lansing	1 00
	supper, lodging and breakfast	1 50
6	railroad fare to Menominee	15 61
	dinner and supper	1 00
	sleepers	2 00
7	breakfast at Marinette	50
	bus at Menominee	25
	4 days' time	12 00
Sept. 24	Martin E. Miller, For services and expenses as county agent of Shiawassee county: visiting Sylvia Reese, ward of State Public School, railroad fare, \$1.14; din- ner, 35c	1 49
29	railroad fare for Sylvia Reese from Morrice to Owosso	57
	supper self and Sylvia Reese	50
30	car fare taking May Patchin to Corunna	25
Oct. 5	board for May Patchin, 4 meals and lodging	1 00
6	1 day looking for home for Sylvia Reese a ward of State Public School livery 25 miles	2 00
	dinner for self 35c, horse feed 25c	60
13	board and car fare for May Patchin	1 40
14	looking after Leonard H. Farmon, livery	2 00
	dinner self 25c, horse feed, 25c	50
15	returning Lorenzo Lee, a ward of State Public School to his guardian, liv- ery 33 miles	2 50
	dinner 25c, horse feed 25c	50
July 29	Chas. D. Blanchard, For services and expenses as county agent of Marquette county: visiting Chas. Reno and Frank Rivett, wards of Reform School, living at Ishpeming	3 00
	transportation Marquette to Ishpeming and return	1 25
	dinner at Ishpeming	50
14	investigating case of Joe. Graff and Edward Vanlendon charged with burg- lary, before Leonard P. Cray, 1 day	3 00
26	investigating case of Floyd Comstock, charged with larceny, before Thos. Meads, justice of the peace, 1 day	3 00
23	investigating case of Jas. R. Cameron, charged with larceny, before Thos. Meads, 1 day	3 00
29	investigating case of Jos. Newman, charged with larceny, before J. S. Beatty, 1 day	3 00
	transportation Marquette to Champion	1 25
	bus fare Champion to Beacon	25
	dinner at Beacon	50
	bus Beacon to Champion	1 25
	transportation Champion to Marquette	1 25
Sept. 13	inspecting jail	3 00
30	postage and stationery for quarter ending September 30, 1892	70
	Amount carried forward	\$7,006 79

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$7,095 79
Sept. 26	A. W. Moshier, For services and expenses as county agent of Van Buren county: investigating case Alwyn J. English, charged with running away and being disorderly, before F. R. Cudy, justice of the peace, 1 day.....	3 00
	fare South Haven and return.....	2 00
	dinner self and boy.....	50
	supper.....	50
	fare from South Haven for boy.....	1 00
	hack to jail.....	50
17	investigating case of Laren Hoyt, a ward of State Public School, 1 day.....	3 00
	livery, 16 miles.....	1 50
Oct. 12	investigating case of Emil Schwanz, a ward of State Public School, 1 day's time.....	2 50
	railroad fare to South Haven and return.....	2 00
	livery at South Haven, 9 miles.....	1 00
	dinner and supper, 50c; hack, 25c.....	75
Sept. 27	conveying Alwyn J. English from Paw Paw to Reform School: hack to depot, self and boy.....	50
	railroad fare, Paw Paw to Lansing, self.....	3 75
	boy.....	3 75
	lunch at Jackson.....	50
	hack to School.....	1 00
	1 day's time.....	3 00
28	supper, bed and breakfast, Hudson House.....	1 50
	railroad fare, Lansing to Paw Paw.....	3 75
	lunch, 25c; 1 day's time, \$3.00.....	3 25
July 2	W. H. Faxon, For services and expenses as county agent of Clinton county: investigating case of Earl Campbell, charged with placing obstructions on railroad track, 1 day.....	3 00
	railroad fare to St. Johns and return.....	60
Sept. 23	visiting jail, 1 day.....	3 00
	railroad fare, St. Johns and return.....	60
July 1	investigating home of John Pierce, an applicant for child from State Pub- lic School.....	3 00
Aug. 17	investigating home of Terry Walters, an applicant for boy from State Pub- lic School.....	3 00
24	visiting Mary H. Shebey, a ward from Coldwater.....	1 00
29	investigating home of Mrs. H. S. Goodlins, an applicant for child from State Public School.....	3 00
Sept. 22	visiting Roscoe J. Sampson, living with W. K. Sage; visiting Jos. Johnson, living with W. Havens; visiting Florence Denneke, living with J. Lit- willer, 1 day, 32½ miles.....	3 00
	livery, \$2.00; feed, 25c; dinner, 25c.....	2 50
26	visiting Dolly Hornbecker, Geo. Earl, Chas. Northway, Jacob Chinanemith, Jesse R. Osburn, Geo. W. Peel, Susan Young, Louis Gunter, Burton Van Etton, Leo M. Clark, 2 days, 62 miles.....	6 00
	livery.....	4 00
	dinner for two.....	50
	feed.....	50
28	visiting Fred Townsend, Frank Hursh and Chas. Chapman, 1 day.....	3 00
	railroad fare, 60c; livery, \$1.50; dinner, 25c.....	2 35
Aug. 8	Alanson Partridge, For services and expenses as county agent of Oakland county: visiting Willie Lee, a ward of State Public School, living with Wm. Todd.....	3 00
	livery, 20 miles.....	1 00
10	investigating home of Frank Cuthbert, an applicant for boy from Reform School.....	3 00
	fare, Pontiac and return.....	50
	dinner at Pontiac.....	50
July 8	investigating case of Harry Ostrander, charged with burglary, before John B. Mathews; bound over to circuit court.....	3 00
	fare, Pontiac and return.....	50
	dinner at Pontiac.....	50
Aug. 15	investigating case of Benj. Griswold, charged with larceny, before Norman C. Spencer, sentence suspended.....	3 00
	fare to New Hudson and return.....	1 80
	dinner and supper at New Hudson and South Lyons.....	80
19	investigating case of Wm. Allapander, charged with felonious assault, case discontinued.....	3 00
	fare, Pontiac.....	50
Sept. 19	investigating case of Agnes Clark, charged with larceny, before M. G. Jones, sent to Industrial Home at Adrian.....	3 00
	Amount carried forward	\$7,198 14

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed October 26, 1892.</i>		
	Amount brought forward	\$7,196 14
Sept. 30	Alanson Partridge. For investigating case of John Doyle, charged with larceny, before W. B. Francis, sentence suspended livery in above case, 40 miles.....	2 00 2 50
19	dinner at Novi..... horse feed.....	25 25
	inspecting jail, 1 day.....	3 00
	fare to Pontiac and return.....	50
	dinner, ".....	50
9	Ira B. Card. For services and expenses as county agent of Hillsdale county: 1 day inspecting jail.....	8 00
17	attending court in the case of Ira E. Cummins on charge of larceny, before B. F. Shelden, justice of peace.....	8 00
Oct. 4	H. C. Smith. For conveying Eli Contarina from Iron Mountain to State Reform School: fare, Iron Mountain to Lansing and return..... " " " " " " for boy.....	38 10 16 55
	dinner at Champion for self and boy.....	1 00
	lunch at Marquette, self and boy.....	50
	" " Mackinaw City, self and boy.....	50
	berths from Mackinaw City to Bay City.....	4 00
5	breakfast at Bay City, self and boy.....	1 00
	dinner at Lansing.....	50
	supper ".....	50
	berth to Mackinaw City.....	2 00
6	breakfast, St. Ignace.....	50
	dinner at Marquette.....	50
	3 days' time.....	9 00
Aug. 15	services and expenses as county agent of Dickinson county: investigating case of Annie Severonia, charged with larceny, before Justice Bergeson, 1 day.....	3 00
Sept. 18	investigating case of Eli Contarina, charged with larceny, before Justice Friedrich, 1 day.....	3 00
Oct. 10	investigating case of John Vivian, charged with assault, before Justice Bergeson, 1 day.....	3 00
	livery.....	1 00
Sept. 28	investigating home of Otto Brandell, at request of Supt. Wood, of Reform School.....	3 00
5	Ira B. Card. For services and expenses as county agent of Hillsdale county: visiting the home of Margaret Estes in the case of May Bailey.....	3 00
	livery.....	2 50
	dinner at Litchfield.....	50
	horse feed.....	25
8	visiting home of L. Goodrich in the case of Nellie Decker.....	3 00
	livery.....	2 50
Oct. 15	investigating case of Rose M. Wheeler, a ward of State School, charged by guardian with burning her barn, girl was returned to State Public School. livery.....	3 00 1 50
Sept. 8	Levi T. Hull. For services and expenses as county agent of St. Joseph county: visiting home of W. W. Finney to investigate case of John Keddy.....	3 00
	livery, 10 miles.....	1 50
15	visiting home of Wm. H. Kline, in Sherman, to investigate case of Myron Slosson.....	3 00
	livery, 32 miles.....	2 00
	dinner for self and horse.....	50
17	visiting home of Lura West, in Leonidas, to investigate case of Minnie Connelly.....	3 00
	livery, 44 miles.....	2 00
	dinner, self and horse.....	50
22	1 day inspecting jail.....	3 00
	livery, 20 miles.....	2 00
	hotel.....	50
Aug. 25	Frank C. Platz. For services and expenses as county agent of Presque Isle county: 1 day on trial and investigating case of Jas. B. Gilbert before Wm. Smith, justice of the peace.....	3 00
Sept. 29	inspecting jail 1 day.....	3 00
Oct. 10	investigating the home of Samuel McCallister.....	3 00
	livery hire, 12 miles.....	2 00
	Amount carried forward.....	\$7,305 04

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$7,579 50
Sept. 30	Matthew A. McHenry, For car fare to Cheboygan and return	1 00
	breakfast, dinner and supper	1 00
July 14	*visiting Calvin Hess and Frank Armstrong, wards of State Public School, living with Daniel Wheelock and Maria Hayward	2 00
	car fare to Cheboygan and return	1 00
	livery, 35 miles	2 00
	lodging, breakfast, dinner and supper	2 00
Aug. 8	D. C. Wach, For services and expenses as county agent of Ottawa county: visiting home of Wm. Toemer at request of superintendent of Reform School	3 00
17	visiting home of Joseph Charles Littlewood and reporting at request of superintendent Reform School	3 00
19	visiting home of Edward B. Wallace at request of superintendent of Reform School	3 00
	car fare to Berlin and return	1 00
	horse and buggy 4 miles and return	1 25
Sept. 12	Edward Correllius, For services and expenses as county agent of Midland county: visiting and investigating home of Florian Gideon on application for a boy conveyance to and from Gideon's	3 00
13	visiting and investigating home of Kate Mathucy, applicant for girl conveyance	2 50
21	visiting Francis A. Howe at the home of Harding Mills, and Bennie Gilmore at Edwin Mills	3 00
	conveyance 1 day \$2.50, dinner 25c	2 75
22	visiting Minnie Horton at home of Geo. Wells, and Dora Stevens, home of Calvin Rich	1 50
	conveyance	2 50
23	visiting Severin Ludvingson at home of John W. Graham, and Mary Pratt at home of Henry Wisner, conveyance	2 50
	dinner	25
14	investigating complaint against Jas. O'Neil, Jr., and advising with H. L. Fairchild, justice of the peace	3 00
15	investigating complaint against Fred Heppner, reporting and advising with magistrate on same	3 00
26	inspecting jail	3 00
Aug. 8	Allen Keen, For services and expenses as county agent of Isabella county: investigating home of Dan Walker	3 00
	livery \$3, dinner 25c	3 25
	horse feed	25
9	visit to Minnie Broughton	3 00
	livery \$3, horse feed 25c	3 25
	dinner	25
Sept. 21	visit to Benj. Cole	3 00
	livery \$3, horse feed 25c	3 25
	dinner	25
22	visit to Wm. Bowers	3 00
	livery \$2, horse feed 25c	2 25
	dinner	25
23	visit to Pearly Moss	3 00
	livery	1 50
24	visit to Arthur Cross, fees \$3, livery \$3	6 00
	horse feed 25c, dinner 25c	50
28	visit to John Nilson, Mattie E. Ross, fees \$3, livery \$3	6 00
	horse feed, 25c; dinner, 25c	50
29	visit to Emma Haskins and Gilbert E. Burnett	2 00
	livery, \$3.00; horse feed, 25c	3 25
	dinner	25
30	visit to Elmer Fuller	3 00
	livery, \$3.00; horse feed, 25c	3 25
	dinner	25
26	visit to Theresa Howson	3 00
	livery, \$2.00; horse feed, 25c	2 25
	dinner	25
20	inspecting jail	3 00
	livery, \$2.00; horse feed, 25c	2 25
	dinner	25
	Albert Miller, For services and expenses as county agent of Bay county: investigating case of Blanch Besan before Justice Conmans	3 00
	Amount carried forward	\$7,502 84

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	Amount brought forward	\$7,502 84
Sept. 20	Albert Miller, Allowed October 26, 1892.	
	For expenses, hack hire	1 00
Oct. 8	investigating case of Wm. Buskey	3 00
	hack hire	50
21	postage and stationery	48
	investigating case of Ernest Murray before Justice Brigham, West Bay City	3 00
Sept. 24	hack hire	1 00
	visiting Lubin House, with John P. Macalindin, town of Merritt	3 00
26	railroad fare, 40c; hack fare, 50c	90
	visiting Orville Yenner with Jas. Francis, in town of Merritt	3 00
Oct. 10	railroad fare, 75c; hack fare, 50c	1 25
	investigating and reporting condition of home of Robert Cheny, town of Beaver, an applicant for a ward of State Public School	3 00
Sept. 12	livery hire, 36 miles	3 00
	visiting and reporting condition of Mabel Robinson, with J. H. Ferguson, West Bay City	3 00
15	hack hire	1 00
	visiting and reporting condition of Eva Hedglen, with J. R. Hall at Essexville	3 00
17	hack and car fare	60
	visiting and reporting condition of Louis Drexel and Geo. Crippen with J. H. Ferguson of West Bay City	3 00
19	hack fare	1 00
	visiting and reporting condition of Anthony Thompson, living with James Henry, town of Portsmouth	3 00
12	livery hire 10 miles	1 00
	visiting and reporting condition of Bertie Hill, living with C. B. Macomber, town of Williams	3 00
16	livery hire 18 miles	2 00
	visiting home and reporting condition of Jas. Murphy and Wm. Halliday, on leave of absence from Reform School	3 00
Oct. 12	expenses, hack hire 2 hours	1 50
	expenses in looking for the home of John White, an inmate of the Reform School	50
	visiting and investigating home of John Richards, an inmate of Reform School, and recommending his release on leave of absence	3 00
Sept. 23	hack hire West Bay City	1 00
	Warren H. Howe,	
	For services and expenses as county agent of Kalamazoo county:	
	transferring Loretta Hoyt from Garritt Harrison's to James McNab.	
	livery \$6, dinner and horse feed 75c	5 75
Oct. 6, 7	supper, lodging and breakfast	1 00
	conveying Cornelius Bonke from Kalamazoo to State Reform School:	
	railroad fare for boy	2 05
	" " self and return	4 10
	hack fare	1 25
	dinner	50
11, 12	1 1/4 days' time	4 50
	conveying Frank Fatty from Kalamazoo to Reform School:	
	railroad fare to Lansing	2 05
	" " and return, self	4 10
	hack	1 25
	supper, lodging and breakfast for boy	1 00
	dinner for self	50
18, 19	2 days' time	6 00
	conveying James Cousin and Clyde Fowler from Kalamazoo to Reform School:	
	railroad fare for boys to Lansing	4 10
	" " self and return	4 10
	hack fare	1 75
	dinner	50
	1 1/4 days' time	4 50
Aug. 12	Chas. D. Petershans,	
	For services and expenses as county agent of Tuscola county:	
	visiting John Morse at J. F. Seeley's farm, 1 day	3 00
Sept. 15	livery	75
	visiting Lewis W. DeLong at farm of Adam Quensey:	
16	1/4 day, \$1.50; livery, 50c	2 00
	visiting Jas. Murphy at farm of Annie Cook	3 00
17	livery	1 50
	visiting Winfield Morse at farm of Floyd Allen	3 00
	livery	50
	Amount carried forward	\$7,618 82

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$7,618 23
Sept. 23	Chas. D. Petershans, For visiting home of Daniel Sheldon	
	livery.....	3 00
24	postage and stationery.....	50
	inspecting jail.....	3 00
25	telegram.....	40
Oct. 18	investigating case of Ella Wright, arrested for truancy, 1 day	3 00
	railroad fare from Caro to Rosser Crossing and return.....	50
	board at Caro 2 days.....	1 00
21-23	conveying Ella Wright from Caro to State Industrial Home 2 days on trip.....	6 00
21	bus fare for girl at Caro.....	25
	railroad fare from Caro to Vassar and return.....	75
	railroad fare from Caro to Vassar, girl.....	40
	railroad fare from Vassar to Detroit and return, self.....	4 70
	railroad fare from Vassar to Detroit for girl.....	2 60
	2 dinners at Detroit, Wayne Hotel.....	1 00
	railroad fare from Detroit to Adrian and return, self.....	3 05
	fare for girl.....	1 70
	livery at Adrian from depot to home.....	1 00
	supper at Adrian, Emery Hotel.....	50
	lodging and breakfast, Detroit.....	1 00
	dinner on train.....	25
Aug. 11	John O'Gorman, For services and expenses as county agent of Saginaw county:	
	trial of William Tohn for larceny, before J. F. Bulgis, justice of the peace.....	3 00
	car fare.....	20
12	trial of Michael Kennedy for truancy, before Otto Stampill, justice of the peace, \$3, car fare 10c.....	3 10
15	trial of Lawrence Owen for malicious destruction of property.....	3 00
	car fare.....	10
17	trial of Charlie Nichols for throwing stones at buildings.....	2 50
19	trial of Wm. Goldsmith, larceny, dinner.....	50
Sept. 23	visiting Elva Ward at the home of J. B. Montgomery, in township of Tay- mouth:	
	railroad fare.....	45
	livery, 12 miles.....	1 50
	dinner, 50c; supper, 50c.....	1 00
	railroad fare, 45c; hack from depot, 50c.....	95
Oct. 2	visiting Maggie Connolly, a ward of State Public School, living with Andrew Summerfield, livery.....	3 00
	dinner.....	30
9	visiting Eleanie Wright, a ward of State Public School, at home of Lucy Gunsolus, of Saginaw, and Almina Bingham, a ward of State Public School, at the home of Fred Remir of Saginaw, livery, 14 miles.....	3 00
	dinner at Taylor House.....	50
	feed for horse.....	25
19	conveying Belle Ockerman from Saginaw to State Industrial Home:	
	hack fare at Saginaw.....	50
	fare for self and girl.....	8 40
	dinner, " " at Jackson.....	1 00
	hack at Adrian to home.....	1 50
	supper at Adrian.....	30
	return fare, self.....	4 20
30	lodging and breakfast, Jackson.....	1 00
	hack fare at Saginaw.....	50
	2 days @ \$3.00.....	6 00
Apr. 26	Lyman C. Moore, For services and expenses as county agent of Montcalm county:	
	investigating home of E. S. Wagon, an applicant for child from State Public School, 1 day.....	3 00
	railroad fare from Stanton to Edmore and return.....	45
	dinner for self.....	25
	investigating case of Arthur Fox, charged with larceny.....	3 00
28	" " Malen Sherwood, charged with larceny, before J. K. Train, justice of the peace, 1 day.....	3 00
	car fare Stanton to Edmore and return.....	45
	dinner at Edmore.....	25
July 9	investigating case of Harry B. Collier, charged with truancy and disorderly conduct, before Ephraim Fellett, justice of the peace, 1 day.....	3 00
	car fare, Stanton to Sheridan and return.....	25
	dinner at Sheridan.....	35
	Amount carried forward	\$7,714 63

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$7,714 62
Aug. 15	Lyman C. Moore.	
	For investigating case of John Fitz Patrick and Arthur Courtright, charged with assault and battery, before Harvey Rice, 1 day	3 00
17	investigating case of Mary H. Pierce, charged with truancy and disorderly conduct, before Chas. S. Fuller, justice of the peace, 1 day	3 00
	livery from Stanton to Greenville and return	2 50
	dinner, 25c; horse feed, 25c	50
July 4	visiting and investigating home of Chas. Coney, father of Arthur Coney, an inmate of Reform School	3 00
	car fare from Stanton to Lakeview and return	1 20
	dinner, supper, lodging and breakfast	1 00
Sept. 19	visiting Thos. Van Onman, a ward of Reform School, living with Mrs. Robt. Meadows	3 00
	livery from Stanton	2 00
	dinner at Edmore	25
	horse feed	25
20	visiting and investigating home of Jas. Cornwell, father of Arthur Cornwell, an inmate of Reform School	3 00
	livery hire from Stanton to mill of Jacob Holinger, in township of Belvidere, and return by way of Edmore for further investigation	2 00
	dinner for self, 25c; horse feed, 25c	50
Oct. 4	visiting home of Joseph Hill, ward of Reform School, living with T. Swohn, 1 day	3 00
	livery from Stanton to home of T. Swohn	2 50
Aug. 26	visiting Geo. K. Daniels, a ward of State Public School, living with Luther Jones	3 00
	livery in above case from Stanton to Carson City	2 50
	dinner, Carson City, 25c; horse feed, 25c	50
Sept. 12	visiting Bessie Maud Rikard, a ward of State Public School, living with Mrs. N. A. Richards	3 00
	livery for above case from Stanton to Greenville and return	2 50
	dinner at Greenville, 35c; horse feed, 25c	60
26	visiting Fred Ivan Putnam, a ward of State Public School	3 00
29	visiting Melissa Hazen, a ward of State Public School, living with John H. Gifford	3 00
	car fare from Stanton to Lake View and return	1 10
	livery from Lake View to Coral and return	2 00
	dinner, supper, breakfast and lodging	1 00
12	investigating case of Florence Miner, charged with assault and battery, before Harvey W. Rice	3 00
30	investigating case of Glenn Hardy, charged with truancy and being a disorderly person, before James Simons, justice of peace, 1 day	3 00
	car fare, Stanton to Edmore	45
	dinner at Edmore	25
	inspecting jail	3 00
Oct. 17	Anthony L. Steele,	
	For capturing escaped patient, Edwin Tucker, and returning him to Asylum for Dangerous and Criminal Insane	12 50
	Plynn Williams	
	For making and returning inquisition in case of death of Josephine Archambault, who died at the Michigan Asylum for Dangerous and Criminal Insane, on the 16th day of October, 1892	3 00
	1 venire 25c, 1 subpoena 25c	50
	2 miles travel	20
	swearing jury	10
	" 3 witnesses	30
	fees of jurors:	
	F. A. Stevens	1 50
	C. A. Cornell	1 50
	G. J. Cutler	1 50
	J. W. Baldie	1 50
	D. C. Aelick	1 50
	W. H. Phillips	1 50
	fees of deputy sheriff summoning jury	1 00
	travel for same	40
	attending jury	50
	subpoenaing 2 witnesses	25
16	Wm. M. Hathaway,	
	For conveying John Visser from Grand Rapids to State Reform School:	
	1 days service	3 00
	bank at Grand Rapids	3 50
	railroad fare, self, to Lansing and return	1 25
	" boy, "	
	Amount carried forward	

3 00
 3 50
 1 25
 \$7,714 62

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed October 26, 1892.</i>	
	Amount brought forward	\$7,814 42
Oct. 16	Wm. M. Hathaway,	
	For supper self 50c, street cars 10c.....	60
8	stationery.....	08
	conveying Albert Pollock from Cedar Springs to Reform School:	
	1 day's services.....	3 00
	street car fares to depot.....	10
	railroad fare, self to Lansing.....	1 95
	" " boy " ".....	1 95
	supper, self, 50c; railroad fare to Grand Rapids, \$1.95.....	2 45
5	street car, 5c; stationery, 3c.....	08
	conveying Frank Babcock from Grand Rapids to Reform School:	
	1 day's service.....	3 00
	hack at Grand Rapids.....	50
	railroad, self to Lansing.....	1 95
	" " boy " ".....	1 00
	supper, self, Lansing.....	50
	railroad fare, Lansing to Grand Rapids.....	1 95
	street car, 5c; stationery, 5c.....	10
Sept. 27	conveying Gertie De Young from Grand Rapids to Industrial Home for Girls:	
	2 days' services.....	6 00
	street car, 5c; hack, Grand Rapids, 50c.....	55
	railroad fare, self to Adrian.....	4 05
	" " girl " ".....	4 05
	2 dinners at White Pigeon.....	1 00
	hack at Adrian station to Home.....	1 00
	supper, self, at Emery House.....	50
	bus to station.....	25
28	railroad fare to Jackson, self.....	1 35
	" " Jackson to Grand Rapids.....	2 80
	sleeper, Jackson to Grand Rapids.....	1 50
	street car fare, 5c; stationery, 3c.....	08
24	services as county agent of Kent county:	
	investigations of Gertie De Young, truancy.....	60
	car fare.....	10
26	Frank Irwin.....	
Oct. 1	Joseph Pogdenski.....	90
	car fare.....	25
Sept. 29	Wm. Bevenoroff, fees.....	60
	car fares.....	25
	Howard Bevenoroff.....	60
	car fares.....	10
Oct. 24	Lawrence Pangborn, fees.....	1 50
	car fares, 20c; lunch, 25c.....	45
8	Frank Babcock, truancy.....	90
	car fares.....	20
7, 10	Able Hibner, truancy.....	1 50
	car fares.....	30
7, 14	John Hock; assault and battery.....	90
	car fares.....	20
6	Albert Pollock, truancy.....	3 00
	railroad fare to Cedar Springs and return.....	1 20
	railroad fare for Pollock to Grand Rapids.....	65
	dinner and supper, self.....	70
	street car, self and boy.....	20
10, 14	John Visser, car fares.....	25
10	Joseph Deody.....	20
	Tilley Seeley, truancy.....	10
11	inspecting jail and report, 1 day.....	3 00
12	Horace Lindsey, larceny.....	15
19	John D. Bruyn, larceny.....	10
20	Deva Eulis, car fares.....	20
22	Alvira Elder, car fares.....	10
24	George Leavelhier, car fares.....	10
	Gerrett Gilder, car fares.....	10
	Leonard Steveburner, truancy.....	25
	lunch for self.....	30
	<i>Allowed November 29, 1892.</i>	
Nov. 25	Milton A. Bretz,	
	For trip to Kalamazoo, ordering supplies for legislature:	
	railroad fare, Lansing to Battle Creek and return.....	1 80
	transfer 25c, dinner Battle Creek 50c.....	75
	Amount carried forward	\$7,879 18

GENERAL ALLOWANCE.

Date.	Items.	Amount.
		<i>Allowed November 29, 1892.</i>
	Amount brought forward	\$7,879 16
Nov. 25	Milton A. Bretz,	
	For railroad fare Battle Creek to Kalamazoo and return	1 25
	transfer 25c, supper 50c	75
4	John O'Gorman,	
	For services and expenses as county agent of Saginaw county:	
	visiting 2 wards of State Public School in the township of Aheasin, Saginaw county, wards named Josephine Daniel living with Wm. Sommers, and John McDonald, living with Chas. Sutliff:	
	livery 82 miles	2 00
	railroad fare to Oakley	85
	return fare from Oakley	85
	dinner at Oakley	50
	supper at Oakley	50
	hack	50
Oct. 20	visiting the homes of N. R. Swarthout and Samuel Hicks, who have wards of State Public School, named David E. Crowley, and Lena Wells:	
	livery 18 miles	2 50
	dinner at West Saginaw	50
Nov. 18	visiting the homes of Willard Daniels, Arthur Campbell and Fred Allen, wards of State Public School, living with Enoch Massacre, Andrew Debeau and James Leroy, in the township of Jonesfield:	
	railroad fare to Merrill	60
	livery 13 miles	2 00
	dinner at Merrill	50
	return fare	60
	hack fare	50
17	visiting the home of Daniel Hoyt who is an applicant for a ward from State Public School:	
	livery	1 00
Aug. 18	investigating case of Burt Wilsey, charged with larceny, before F. Goldsmith, justice of peace, car fare	20
	dinner	50
21	investigating cases of Henry Stenhouse, Henry Bangle, Arthur Bangle, Jas. Keys and Fred Feeler for larceny, before F. Goldsmith, car fare	20
	dinner	50
Sept. 12	investigating case of Alma Plum, charged with assault and battery, car fare	20
	dinner	50
25	investigating case of Wm. Peterson, for malicious destruction to property, car fare	20
	dinner	50
Oct. 8	investigating cases of Jas. Hanaway, Fred Humphrey and Wm. Rose before L. De Land, car fare	30
	dinner	50
7	investigating case of Theo. Crowley, charged with larceny, car fare	20
	dinner	50
12	investigating case of Herbert Mercer, larceny, car fare	20
	dinner	50
Nov. 22	Peter Carpenter,	
	For conveying Arthur Binonette from Bay City to State Reform School:	
	hack, Bay City	50
	railroad fare for self and boy	6 55
	hack, Lansing	50
	dinner, Lansing	50
	supper at Owosso	50
	1 1/2 days @ \$3.00 per day	4 50
28	Edward Taylor,	
	For conveying John W. Anderson from Jackson to State Reform School:	
	hack to depot, Jackson	50
	fare for boy to Lansing	1 10
	" " self " and return	2 20
	hack at Lansing	50
	dinner and supper	75
	hack at Jackson	50
	1 day's services	3 00
Oct. 27	services and expenses as county agent of Jackson county:	
	investigating the home of Philistine Lewis, Liberty township, conveyance	2 50
	dinner and supper	1 00
31	visiting Henry Brown, conveyance	1 00
Nov. 1	" Chas. Nelson,	2 00
	dinner and supper	60
12	investigating the home of H. L. Robeum, Columbia township, conveyance	2 50
	dinner and supper	75
	Amount carried forward	\$7,962 51

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$7,332 51
Nov. 16	Edward Taylor, For return of Willie Kirk to Reform School, conveyance	2 50
14	dinner and supper	50
	investigating the home of Mrs. Young of Spring Arbor township, travel 22 miles	2 50
Oct. 22	dinner and supper	80
	visiting Mary Hayes in Blackman township	1 50
Nov. 18	supper	50
	meeting Mand Booth and Mrs. Sickles, the superintendent, in trying to obtain release and procuring her a home	1 50
Sept. 12	dinner and supper	1 00
	David Cunningham, For services and expenses as county agent of Calhoun county: visiting home of Harvey Page, an applicant for Johnnie Button, a ward of State Public School, 1 day	3 00
	paid for livery	1 50
	dinner for self	30
19	investigating home of Ralph Hoyt, with Mrs. Amsden, Albion, 1 day	3 00
	railroad fare, Marshall to Albion	75
	dinner, 50c; supper, 50c	1 00
26	investigating home of Harry Shepherd, an applicant for ward from State Public School, 1 day	3 00
	railroad from Marshall to Battle Creek and return	80
	dinner, 50c; supper, 40c	90
13	investigating home of J. G. Williams, 1 day	3 00
	railroad fare to and from Marshall	80
	dinner, 50c; supper, 50c	1 00
14	investigating home of Delmer Tripp, living with Mrs. C. L. Putnam	3 00
	railroad fare from Marshall to Battle Creek and return	80
	dinner	50
Oct. 31	street car fare	10
	investigating home of Ralph Griswold, 1 day	3 00
	railroad fare to and from Battle Creek	80
	dinner and supper	90
14	investigating cases and attendance at trial of Lee O'Leary and Ernest Franklin, charged with larceny, before A. H. Briggs, justice of peace, at Battle Creek	1 00
	railroad fare, 80c; dinner, 50c	1 30
	supper	50
17	investigating case and attending trial of Anna Wood, charged as disorderly, before A. H. Briggs, Battle Creek, 1 day	1 30
	railroad fare, 80c; dinner, 50c	
24	investigating case of Albert Munger, charged as truant, before A. H. Briggs	80
	railroad fare	50
	dinner	
Nov. 21	S. H. Preston, For services and expenses as county agent of Ingham county: investigating home of Thos. S. Guy, applicant for a boy	3 00
23	investigating home of Mrs. H. S. Winters, No. 1108 Michigan avenue west, Lansing, applicant for her boy	3 00
26	carriage	50
	investigating home of Mrs. Almada Wall, at Webberville, applicant for her boy	3 00
	ticket to Webberville and return	1 20
	dinner, Webberville	25
	car fare	10
Oct. 31	conveying Mary Louise Hahn from Lansing to State Industrial Home: 2 tickets to Adrian	4 70
	2 dinners at Hilledale	70
	hack at Adrian	1 00
	supper	50
	ticket to Jackson	1 35
Nov. 1	lodging and breakfast, Jackson	1 00
	ticket Jackson to Lansing	1 10
	2 days	6 00
Oct. 29	investigating case of Mary Louisa Hahn	3 00
Nov. 14	Wm. Agate, before justice of the peace	3 00
18	investigating case of Fred Nichols, at Mason, before A. W. Parkhurst, justice of the peace	3 00
	ticket Mason and return	70
	dinner at Mason	50
	car fare	10
	investigating home of Mrs. A. T. Gray	3 00
	railroad ticket from Lansing to Williamston and return	90
	livery at Williamston	1 00
	Amount carried forward	\$8,019 25

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$3,097 71
Oct. 25	Fred Bode,	
	For hotel expenses	50
26	hotel expenses, Sturgis and return	1 00
	railroad fare from Sturgis to Grand Rapids	2 55
	hotel expenses and bus fare	75
	railroad fare from Grand Rapids to Newaygo	1 10
Nov. 7	Warren H. Howe,	
	For conveying Harry Sennett to Reform School, from Kalamazoo:	
	fare for boy	2 05
	fare for self and return	4 19
	hack	1 25
	dinner	50
	two days for self	6 00
Sept. 16	Hiram Parker,	
	For services and expenses as county agent of Emmet county:	
	inspecting county jail	2 00
	railroad fare to Harbor Springs and return	25
	dinner, Harbor Springs	25
Oct. 4	investigating and reporting to Ezra C. Barnum, justice of the peace, as to	
	the arrest of Civil Christian and Eitel Christian for larceny of \$10; they	
	were convicted but allowed to return to parents	2 00
June 8	securing a new home for Willie Hartley	2 00
	livery to Wm. T. Baker's and return	2 00
10	going after Willie Hartley's clothes	1 50
	cash paid for livery	1 00
30	visiting Nellie Gladus Cook	3 00
	livery	1 00
July 2	visiting Heston Eldridge and Cecil Abbott	3 00
7	getting Nellie G. Cook and keeping her over night, and next morning sent	
	her to Coldwater	1 00
23	investigating the home of Alphonso Otaabee	2 00
	railroad fare	25
	dinner at Harbor Springs	25
Aug. 3	visiting the home of Frankie Smith	2 00
9	Alphonso Wells	3 00
	railroad fare to Harbor Springs and return	25
	livery at Harbor Springs	25
	dinner " " " "	25
29	investigating an application for boy, by Henry F. Wellman	3 00
	railroad fare to Harbor Springs and return	25
	livery at Harbor Springs	1 00
Sept. 17	investigating an application of B. F. Wagley	2 00
29	going after Chas. Britton and returning him to Cyrus Hurd	3 00
	railroad fare to Alanson and return	65
	dinner at Oden	25
Aug. 2	Leroy Boynton,	
	For services and expenses as county agent of Missaukee county:	
	investigating case of Harry Little, charged with assault and battery	2 00
	livery	2 00
Sept. 29	inspecting jail, 1 day	2 60
July 12	investigating home of Geo. McBrion, an applicant for child from State	
	Reform School, 1 day	3 00
	livery	2 00
Aug. 9	investigating home of Chauncy Brace, an applicant for child from State	
	Reform School	3 00
	paid for livery in above case	2 00
Sept. 26	visiting Wm. Harrison (ward of Reform School), living with Geo. McBrion,	
	1 day	2 00
	livery	2 00
July 18	investigating home of Frank L. Downing, an applicant for Nettie Minthom,	
	child from State Public School, 1 day	2 00
	paid for livery	2 00
Oct. 6	J. F. Koric,	
	For services and expenses as county agent of Huron county:	
	case of Bettie McKay, railroad fare to Pigeon and return	90
	horse hire, Pigeon to Caseville	2 00
	dinner and horse feed, Caseville	75
	supper, Pigeon	25
	1 day, investigation and trial	2 00
	case of John Dawson, 1 day	3 00
18	conveying John Dawson from Bad Axe to State Reform School:	
	railroad fare, Bad Axe to East Saginaw	2 00
	dinner at Saginaw	50
	Amount carried forward	\$3,201 51

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward.....	\$8,201 51
Oct. 18	J. F. Borick,	
	For railroad, Saginaw to Flint.....	1 00
	railroad, Flint to Lansing.....	1 00
	hack to school.....	1 00
	hack to depot.....	50
	conveying Retta McRay to Industrial Home:	
	railroad fare, Bad Axe to Saginaw, girl.....	2 00
	railroad fare Bad Axe to Saginaw, self.....	2 00
	dinner at Saginaw, self and girl.....	1 00
	railroad fare Saginaw to Flint, girl.....	1 00
	self.....	1 00
	Flint to Lansing, girl.....	1 00
	self.....	1 00
	supper self and girl, Lansing.....	1 00
	railroad fare Lansing to Jackson, girl.....	1 10
	self.....	1 10
19	lodging and breakfast, Jackson, girl.....	1 00
	self.....	1 00
	railroad fare Jackson to Adrian, girl.....	1 35
	self.....	1 35
	hack fare to hotel.....	1 00
	home.....	1 00
	dinner, Adrian.....	50
	hack fare to Wabash.....	50
	railroad fare to Detroit.....	1 70
	hack fare.....	50
20	supper, lodging and breakfast.....	1 50
	hack to Brush street.....	50
	railroad fare Detroit to Bad Axe.....	3 65
	dinner.....	50
	three days.....	9 00
10	Edward Taylor,	
	For services and expenses as county agent of Jackson county:	
	investigating the home of Arthur E. Riggs, city of Jackson, conveyance.....	1 00
14	" " " Mrs. Elisa Ward.....	1 00
19	" " " homes of J. E. & E. D. Powell in Hanover, car fare and	
	return.....	90
	conveyance.....	1 50
	dinner and supper.....	75
Sept. 17	David P. Beebe,	
	For services and expenses as county agent of Kalkaska county:	
	inspecting jail.....	3 90
30	Alexander P. McManamy,	
	For services and expenses as county agent of Wexford county:	
	investigating case of Cyrus Jones charged with larceny, one day.....	3 00
	car fare to Cadillac and return.....	65
	dinner, supper and lodging at Cadillac.....	1 25
Oct. 1	investigating case of Levi Spittler, charged with larceny, one day.....	3 00
	dinner at Cadillac.....	25
Sept. 10	Levi Sparks,	
	For services and expenses as county agent of Berrien county:	
	investigating case of Cora Hoag, charged with running away before M. G.	
	Lamport, car fare to Benton Harbor and return.....	1 00
	dinner and supper at Benton Harbor.....	1 00
	lodging at Benton Harbor.....	50
20	inspecting Berrien county jail, 1 day.....	3 00
Nov. 8	car fare to Benton Harbor and return.....	1 00
	dinner and supper, Benton Harbor.....	1 00
9	car fare to Benton Harbor and return.....	1 00
	dinner and supper, Benton Harbor.....	1 00
July 22	Wm. A. Betts,	
	For services and expenses as county agent of Benzie county:	
	visiting and removing Florence Thurston, ward of S. P. S., 1 day.....	3 00
	railroad fare, 85c; dinner, 25c.....	1 10
Sept. 30	visiting and removing Florence Thurston.....	3 00
	horse and buggy, 7 miles.....	1 00
8	investigating home of Asa Cornell, applicant for child.....	3 00
	horse and buggy.....	1 00
19	Elmer E. Stamp,	
	For services and expenses as county agent of Cass county:	
	investigating and reporting on home of Mrs. Francis Sanders, applicant	
	for child from S. P. S.....	3 00
	livery.....	1 50
	Amount carried forward.....	\$8,284 66

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 20, 1932.</i>	
	Amount brought forward	\$3,284 66
July 21	E. B. Evans, For services and expenses as county agent of Clare county: inspecting jail.....	3 00
	dinner, supper and lodging	1 25
	breakfast at Hams	1 25
	railroad fare from Farwell to Harrison and return.....	1 30
June 10	Frank E. Monroe, For services and expenses as county agent of Montmorency county: looking after Edward Kirkpatrick who left the home of Peter Barren	3 00
	livery \$2, dinner self and horse 75c	2 75
14	looking after Edward Kirkpatrick	1 50
	livery for same	2 00
	dinner for self and horse	75
	supper for same	1 00
Oct. 18	visiting Metzger Strong	2 00
24	looking after Artie Hedgler	3 00
	livery for same	2 00
	dinner for self and horse	75
	supper for same	1 00
5	E. Pennell, For conveying Floyd Lisk from St. Johns to State Reform School: conveying from St. Johns to Lansing	3 00
	railroad, self and boy, St. Johns to Ionia	1 20
	" " " Ionia to Lansing	1 60
	bus fare at Lansing	50
	hotel dinner	35
	street car fare	05
	railroad, Lansing to Ionia	1 05
	railroad, Ionia to St. Johns	80
Nov. 17	Geo. M. Sinesear, For conveying Eliha Tucker from Alpena to State Reform School: bus jail to depot	50
	2 railroad fares to Alger, @ \$3.15	6 30
	2 dinners at Alger	1 00
	2 railroad fares, Alger to Lansing, @ \$3.55	6 70
	2 suppers at Bay City	1 00
	bus to school and hotel	1 00
18	bed and breakfast	1 00
	railroad fare, Lansing to Alger	3 35
	dinner at Owosso	40
	supper at Bay City	50
19	hotel bill, Bay City	1 50
	railroad, Alger to Alpena	3 15
	3 days' service @ \$3	9 00
Sept. 28	F. J. Bawden, For conveying Frits, Fred and Hugh McDonald from Houghton to State Reform School: back to depot	75
	2 railroad fares to Lansing	3 90
	" " fare " "	9 85
	3 dinners, Marquette	1 50
	3 suppers, Mackinaw City	1 80
	sleeper to Bay City	2 00
29	3 breakfasts, Bay City	1 50
	1 dinner, Lansing	50
	fare to Houghton	16 95
	sleeper	2 00
	supper, Bay City	50
30	breakfast, Mackinaw	50
	dinner, Marquette	50
	3 days' officer fees	9 00
Nov. 24	Curtis Buck, For conveying Thos. Scholar from Ironwood to State Reform School: railroad fare from Ironwood to Chicago	11 50
	" " " " " boy	7 62
	sleeper berths, self and boy, @ \$2.00	4 00
25	2 breakfasts at Milwaukee	1 00
	2 dinners, Chicago	1 50
	railroad fare, Chicago to Lansing, self	5 85
	" " " " " boy	2 85
	transfer, two in Chicago	1 00
	2 lodgings and supper at Jackson	2 00
26	2 breakfasts at Lansing	1 00
	Amount carried forward	\$3,472 66

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$3,473 06
Nov. 26	Curtis Buck,	
	For dinner at Lansing	50
	railroad fare, Lansing to Chicago	5 85
27	transfer, Chicago	50
	supper,	75
	railroad fare, Chicago to Ironwood	11 50
	1 sleeper berth	2 00
28	breakfast, dining car	1 00
	5 days' time	15 00
1	Tracy L. Townner,	
	For conveying Wm. Lappens from Ypsilanti to State Reform School:	
	fees, 1 1/4 days	4 50
	fare for self and Lappens, Ypsilanti to Ann Arbor	30
	" " " Ann Arbor to Lansing	3 80
	" " " Lansing to Ypsilanti	2 15
	supper at Jackson	50
17	A. B. BeDell,	
	For conveying Peter Derocher from Menominee to State Reform School:	
	team to train, Menominee	50
	railroad fare Menominee to Lansing, two	27 22
	supper, Marinette	1 00
	sleeping car, 2 berths, Menominee to Chicago	4 00
18	breakfast, Chicago, two	1 00
	dinner, two	1 00
	hack, Lansing to Reform School	1 00
19	supper, lodging and breakfast, Lansing	1 50
	railroad fare Lansing to Menominee	12 61
	dinner and supper	1 00
	sleeper, Chicago to Menominee	2 00
20	breakfast, Marinette	50
	bus, Menominee	25
	4 days' time	12 00
10	J. A. Van Hoomissen,	
	For conveying Frank Dubay from Mt. Clemens to State Reform School:	
	car fare for boy from Mt. Clemens to Lansing	1 50
	car fare for self	3 09
	two dinners at Durand	1 00
	hack and street car fare, Lansing	1 10
11	car fare for self from Lansing to Mt. Clemens	3 09
	two days' time	6 00
	Wm. M. Myron,	
	For conveying Lillie Hunt from Port Huron to State Industrial Home:	
	hack at Port Huron going	50
	fare for prisoner from Port Huron to Adrian	3 16
	fare for officer from Port Huron to Adrian and return	6 32
	hack at Adrian	1 50
	dinner at Adrian for officer	50
	supper at Detroit for officer	50
13	hack at Port Huron	25
11 & 12	two days for officer	6 00
11	J. W. Finch,	
	For conveying Perley Wilbur from Adrian to Lansing:	
	hack at Adrian	1 00
	two railroad fares to Lansing	4 70
	two lunches at Milan	25
	dinner at Lansing	50
	street car	05
	railroad fare to Jackson	1 10
12	hotel bill	1 25
	railroad fare to Adrian	1 25
	street car	05
	two days' services	6 00
5	services and expenses as county agent of Lenawee county:	
	attending the hearing of Perley Wilbur before G. W. Westerman	2 00
16	attending the hearing of Albert Holts before A. F. Robertson, J. P.	3 00
18	attending hearing of Zeno Staples before Wm. D. McCann	2 00
	street car	10
	railroad fare	55
	supper	50
Oct. 17	W. B. Horton,	
	For conveying Fred Gurneau from Manistee to State Reform School:	
	two bus fares, Manistee	50
	one ticket to Lansing and return	9 00
	Amount carried forward	\$3,658 40

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward	\$8,658 40
Oct. 17	W. B. Horton, For ticket for boy	5 05
	two lunches at Grand Rapids	80
	two bus fares	75
	bus, depot to hotel, Grand Rapids	25
18	supper and lodging, Grand Rapids	1 00
	breakfast, Grand Rapids	50
	bus to depot	25
	two days' services	6 00
Sept. 30	services as county agent of Manistee county:	
Oct. 8	inspecting jail, ½ day	1 50
	investigations of Fred Gurnean, larceny; John Gurnean, larceny; Frank Gurnean, larceny; John Esler and Jos. Tice	2 00
	horse one day, \$2.00; feed, 25c	2 25
28	two dinners	50
	Geo. Turcott, truancy	3 00
26	horse, \$1.00; feed, 25c; dinner, 25c	1 50
	W. H. Fonda, For conveying Albert Munger from Marshall jail to State Reform School:	
	railroad fare, self to Marshall	35
	and prisoner to Lansing	2 50
	dinner for prisoner at Battle Creek	25
	street car fare at Lansing	15
	railroad fare self to Battle Creek	80
	one day for conveying prisoner to Lansing	3 00
	supper at Lansing	25
19	conveying Anna Wood from Battle Creek to State Industrial Home:	
	railroad fare, self and prisoner, Battle Creek to Jackson	2 70
	breakfast at Jackson	30
	railroad fare, self and prisoner, Jackson to Adrian	2 70
	street car fare	10
	back from Adrian City to home	1 00
	dinner at Adrian	30
	back to depot	25
	railroad fare to Jackson	1 35
	supper at Jackson	1 50
	railroad fare Jackson to Battle Creek	1 35
	one and one-half days' services	4 50
Sept. 30	D. C. Wachs, For services and expenses as county agent of Ottawa county:	
Oct. 1	inspecting county jail	3 00
Nov. 8	attending trial of Chas. Borck in justice court	3 00
	visiting home of Otto Bayema	8 00
	car fare to Zeeland and return	1 00
	horse and buggy	1 50
	supper at Holland	25
11	Mary Keyes, For conveying Mattie May Beemer from Ionia to State Industrial Home:	
	conveying two days @ \$3.00	6 00
	two car fares from Ionia to Adrian	7 00
	dinner at Hillsdale for two, 35c	70
12	back fare from Adrian to school	1 00
	dinner at Adrian	50
	railroad ticket from Adrian to Ionia	2 55
22	supper at Lansing	50
	Thos. Keyes, For conveying Bert Lyons from Ionia to State Reform School:	
	one day conveying	3 00
	car fare, self and boy from Ionia to Lansing @ \$1.15	2 30
	supper at Lansing	30
	car fare from Lansing to Ionia	1 15
Oct. 31	services and expenses as county agent of Ionia county:	
Nov. 18	visiting Luther Rich (ward of Reform School) living with Henry Robertson livery	1 50
	expenses to investigate the case of Ralph A. Black, a juvenile charged with larceny:	
	car fare from Ionia to Lake Odessa, one way	1 40
	dinner, supper, lodging and breakfast	1 50
July 5	car fare from Lake Odessa to Ionia	1 40
	James Snow, For services and expenses as county agent of Muskegon county:	
	investigating case of Chas. Hall and three others before justice of the peace	3 00
	railroad fare to Montague and meals	2 00
	Amount carried forward	\$8,756 75

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed November 29, 1892.</i>		
	Amount brought forward	\$8,756 75
Aug. 8	James Snow,	
	For investigating case Fred Hofman and F. Wagoner	3 00
16	investigating trial Cora Hersey before justice of the peace	3 00
	railroad fare and dinner	1 50
21	investigating case of Chas. Valentine, vagrant	3 00
Sept. 28	investigating case of Emil Kohler and Richard Kohler before G. Howell	1 00
	horse and buggy to North Muskegon	3 00
Oct. 13	investigation on trial Peter Harris and three others	3 00
26	investigation on trial Thos. Wilson before justice of the peace	3 00
Nov. 9	investigation on trial Lulu Fuller	3 00
Feb. 15	inspection of county jail and report on same	3 00
Sept. 15	inspection of county jail and report on same	3 00
Oct. 31	conveying Thos. Wilson from Muskegon to State Reform School:	
	fare, self to Lansing	3 55
	fare, Thos. Wilson	3 55
	meals at Grand Rapids	75
	fare to Muskegon	3 55
	meals and lodging, Grand Rapids	1 25
Nov. 1	2 days' services	6 00
15	conveying Lillie Fuller from Muskegon to State Industrial Home:	
	bus at Muskegon	50
	fare to Tecumseh, self	5 30
	fare to Tecumseh, girl	5 30
	dinner self and girl	50
	2 fares Tecumseh to Adrian	80
	hack at Adrian	1 00
16	supper, lodging and breakfast	1 50
	fare, Adrian to Tecumseh	40
	fare, Tecumseh to Muskegon	5 30
	2 days' services	6 00
July 11	J. T. Rorick,	
	For services and expenses as county agent of Huron county:	
	changing Carlos Sowles from Letrean's to A. McDonald, 1 day	3 00
	horse hire, 22 miles	1 50
18	Burtis Houle investigation, one day	3 00
	horse hire, 10 miles	1 00
	railroad fare, 80 miles	90
	dinner	25
22	Willie Sabin investigation, ¼ day	1 50
	railroad fare, 8 miles	25
18	application of C. F. Luppbrandt	
29	Geo. Bindle investigation, Wm. Steele and Emery Lee Fuller:	
	railroad fare, 30 miles, 90c; horse hire, 20 miles, \$2.00	2 90
	dinner, 25c; one day, \$3.00	3 25
30	Burtis Houle removal to home of agent; Bertha A. Baker and Wm. Vander-	
	berg visit:	
	railroad fare, 90c; horse hire, \$2.00	2 90
	one day, \$3.00; supper at Pigeon, 25c	3 25
Sept. 14	application of Wm. Bickle, ¼ day	1 50
	livery hire	1 50
Aug. 18	application of Wm. Miller, ¼ day	1 50
Sept. 28	horse hire	1 50
	Burtis Houle visit, one day	3 00
29	Lemuel Van Wormer, horse hire	2 00
	Carlos Sowles, ¼ day	1 50
Oct. 3	horse hire	1 00
	Emery L. Fuller, one day	3 00
	horse hire	1 50
25	railroad fare, 90c; dinner, 25c	1 15
	Henry Beckhold visit, team	2 50
	dinner, supper and horse feed	1 25
26	Emery L. Fuller, one day	3 00
	Geo. Lewis visit, lodging, breakfast and horse feed	1 00
	Wm. Steele, dinner and horse feed	2 50
	team	3 00
Nov. 5	one day	2 50
	Peter Koenig visit, one day	3 00
	horse hire	2 50
7	dinner and horse feed	50
	Jas. Koenig and Chas. Mundy investigation, horse hire	2 00
	dinner and horse feed, 50c; one day, \$3.00	3 50
	Amount carried forward	\$8,899 60

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 29, 1892.</i>	
	Amount brought forward.....	\$3,899 60
Nov. 22	Frank P. Blaine, For expenses incurred in conveying Daisy Thompson from Allegan county to State Public School: team from poorhouse to depot.....	1 50
	railroad fare from Allegan to Coldwater.....	2 55
	meals at Pigeon.....	1 00
	bus fare from depot to State Public School.....	1 00
	supper at Coldwater.....	2 55
	return fare, Coldwater to Allegan.....	1 00
	lodging and breakfast, Pigeon.....	1 50
	team from Allegan to poorhouse.....	1 50
Oct. 16	John Milroy, For expenses incurred in conveying Emily Ward from Marquette county to State Public School: 1 fare from Michigamee to Republic.....	80
	hotel bill at Republic.....	1 50
17	1 fare to Detroit.....	16 80
	¼ fare, Detroit.....	5 00
	sleepers.....	5 00
	two meals at Marquette.....	1 00
	" " Mackinaw.....	1 00
	" " Bay City.....	1 00
	" " Detroit.....	8 15
	¼ fare to Jackson.....	1 00
	two meals, Jackson.....	1 00
	1½ fares from Jackson to Coldwater.....	1 00
19	hotel bill at Coldwater.....	3 00
	conveyance to school.....	1 00
	1 fare, Coldwater to Detroit.....	2 55
	1 fare, Detroit to Michigamee.....	16 80
	two meals at Detroit.....	1 00
	sleepers to Michigamee.....	3 00
20	two meals, Mackinaw and Marquette.....	1 00
25	J. T. Ball, For expenses incurred in conveying Clyde Sala from Hillsdale county to State Public School: railroad fare to Coldwater and return.....	1 25
	hack fare to State School.....	50
	dinner.....	50
	horse feed.....	25
28	E. P. Mason, For expenses incurred in conveying Rebecca Marion Macanich from Washtenaw county to State Public School: fare from Ann Arbor to Jackson.....	1 65
	dinner.....	50
	fare from Jackson to Jonesville.....	75
	" Jonesville to Coldwater.....	35
29	hotel bill and hack.....	2 75
	fare from Coldwater to Ann Arbor.....	2 45
Nov. 15	Mrs. H. T. Lewis, For expenses incurred in conveying Howard and Stewart Pierce from Oceola county to State Public School: car fare to Reed City for boys.....	10
	self.....	10
	breakfast at Reed City, self.....	50
	two boys.....	50
	car fare from Reed City to Grand Rapids, self.....	2 05
	" " " " boy.....	2 05
	bus fare at Grand Rapids.....	50
	dinner at Grand Rapids, self.....	50
	boys.....	50
	car fare from Grand Rapids to Coldwater.....	3 25
	" " " " boys.....	3 25
	bus fare at Sturgis.....	50
	supper at Sturgis, self and boys.....	1 00
	bus fare at Coldwater to School.....	1 00
16	lodging at Coldwater.....	50
	breakfast and dinner at Coldwater.....	1 00
	bus fare at Coldwater.....	25
	car fare from Coldwater to Grand Rapids.....	3 25
	bus fare at Sturgis.....	25
	supper at Sturgis.....	50
	Amount carried forward.....	\$9,015 75

GENERAL ALLOWANCE.

Date.	Items.	Amount.
		<i>Allowed November 29, 1892.</i>
	Amount brought forward	\$9,015 75
Nov. 16	Mrs. H. F. Lewis,	
	For bus fare at Grand Rapids	25
17	lodging	50
	breakfast at Grand Rapids	50
	bus fare at Grand Rapids	25
	car fare from Grand Rapids to Reed City	2 05
	dinner at Reed City	50
	car fare from Reed City to Hersey	10
Oct. 21	Margaret Fowle,	
	For expenses incurred in conveying Frank Brovort from Ionia county to State Public School:	
	railroad fare to Coldwater and return	7 15
	hotel expense,	1 50
22	carriage from depot to School	25
	2 meals @ 50c	1 00
		<i>Allowed November 30, 1892.</i>
26	C. W. Jennings,	
	For expenses incurred in conveying Geo. Marsh from Shiawassee county to State Public School:	
	railroad fare from Owosso to Jackson and return	3 45
	¼ fare, boy, Owosso to Jackson	1 80
	full fare, self, Jackson to Coldwater	1 80
	¼ boy	65
	dinner at Hillsdale	60
	horse hire to School and return	1 00
27	supper, lodging and bus fare, Coldwater	1 10
	railroad fare from Coldwater to Jackson	1 30
	breakfast at Hillsdale	50
28	Wm. M. Hathaway,	
	For conveying Leonard Stonebouser from Grand Rapids to State Reform School:	
	1 day's services	3 00
	hack at Grand Rapids	50
	railroad fare, self, Lansing and return	3 90
	boy, Grand Rapids to Lansing	1 95
	hack, Lansing, depot to School	50
	supper, self	50
	hack to Lansing depot	25
	street car fare and stationery	10
Nov. 16	conveying Frank Struhs from Grand Rapids to State Reform School:	
	1 day's services	3 00
	hack at Grand Rapids	50
	railroad fares, self and boy	3 90
	supper, self, at Hudson House	50
	bus to depot	25
	railroad fare, self, Lansing to Grand Rapids	1 95
	street car fare	08
Oct. 25	Tony Gallagher, P. C., disorderly, car fares, 80c; lunch, 25c	55
29	John Anterlink, stealing from car; John DeVliege, stealing from car; Martin Vanderlyn, stealing from car	30
Nov. 1	Clarke Reeves, truancy, street car fares	10
	Carroll Corbett, car fares	10
	Geo. Rivard, car fares	15
2, 14, 20	Wm. Wardell, truancy, car fares	30
3	Geo. Murphy, car fares	10
12	Frank Stooks, "	20
29	Geo. Murphy "	20
20-21	John Kilpatrick "	20
	stationery	08
Oct. 21	Mrs. Alex. McMillan,	
	For expenses incurred in conveying Cora Hahn from Ingham county to S. P. S.:	
	fare self and child Lansing to Coldwater via Jackson	3 60
22	hack, Lansing	50
	hotel bill, self and child, Coldwater	2 50
	hack, Coldwater	1 00
	railroad fare, Coldwater to Lansing	2 30
	hack, Lansing	25
	Daniel Walters,	
	For services and expenses as county agent of Eaton county:	
	investigating home of David Hammond of Charlotte, an applicant for girl from Industrial home	3 00
	railroad fare from Eaton Rapids to Charlotte and return	55
	dinner at Charlotte	50
	Amount carried forward	\$9,078 78

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed November 30, 1892.</i>	
Nov. 28	Amount brought forward	\$9,078 78
	Daniel Walters,	
	For conveying Jessie Lapointe from Charlotte to State Industrial home:	
	railroad fare from Eaton Rapids to Charlotte, for certificate of judge of probate, and return	85
	hack for self and girl	50
	railroad fare from Charlotte to Eaton Rapids, girl	30
	hack at Eaton Rapids	50
	railroad from Eaton Rapids to Adrian, self and girl	4 00
	dinner at Adrian	1 00
	chair car to Adrian from Hillsdale	50
	hack at Adrian to home	1 00
	return hack from home	50
	supper, Adrian	50
	railroad fare from Adrian to Jackson	1 35
29	lodging and breakfast, Jackson	1 00
	railroad fare Jackson to Eaton Rapids	70
	14 days' services	4 30
Oct. 25	A. Bartholomew,	
	For transferring Edwin Dowdeman from Eastern Michigan Asylum for Criminal and Dangerous Insane:	
	railroad fare Pontiac to Ionia and return	5 30
	" " " " boy	2 95
	supper at Durand, self	50
Nov. 25	Dan'l Walters,	
	For services and expenses as county agent of Eaton county:	
	investigating case of Jessie Lapointe, waywardness, before justice of the peace	3 00
	livery	1 50
28	Patey Hughes,	
	For the capture and return of escaped patient, Amiel Gosch	50 00
Oct. 21	F. G. Hawley,	
	For transferring convicts John Garvey, Geo. M. Wilson and Thos. Parson from the Michigan State Prison at Jackson to the Michigan Asylum for Dangerous and Criminal Insane:	
	railroad fare for self, John Garvey, Geo. M. Wilson and Thos. Parsons from Jackson to Lansing	4 40
	street car fare at Lansing	40
	4 meals at Lansing	1 25
22	railroad fare for self and 3 convicts to Ionia	4 60
	meals at Ionia	75
	railroad fare for self from Ionia to Jackson	2 25
Nov. 5	S. S. Babcock,	
	For 15 days' work preparing report of geological survey	45 00
Oct. 30	H. C. Hamill,	
	For publishing dates for holding circuit court 6 weeks	4 50
Nov. 11-12	Plynn Williams,	
	For making and returning inquisition in the case of death of John Phillips at the Michigan Asylum for Dangerous and Insane Criminals, who died the 11th day of November, 1892.	3 00
	1 venire	25
	1 subpoena	25
	2 miles' travel	12
	swearing jury	10
	one witness	10
	fees of jurors	9 00
	" for deputy sheriff summoning jury	1 00
	travel for same	60
	one-half day's attendance	50
	subpoena 1 witness	15
	travel same	08
30	T. J. Potter,	
	For services and expenses as county agent of Montcalm county:	
	investigating the matter referred to me in the case of Mrs. S. Davis, by direction of W. H. Wieand, superintendent State Public School, Coldwater, Mich.	8 00
	<i>Allowed December 26, 1892.</i>	
Dec. 7	Murray Hatch,	
	For transferring Christopher Remond, George Weldon, Michael Mulken from Michigan State Prison at Jackson, Michigan, to Asylum for Dangerous and Insane Criminals at Ionia, Michigan:	
	railroad fare for self and three men to Lansing	4 40
	hack " " " " " " at "	1 00
	Amount carried forward	\$9,245 59

GENERAL ALLOWANCE.

Date.	Items.	Amount.
		<i>Allowed December 28, 1892.</i>
		\$9,245 59
Dec. 7	Amount brought forward	
	Murray Hatch,	
	For four meals at Lansing, breakfast	1 25
	railroad fare for self and 3 men from Lansing to Ionia	4 60
	hack " " " 3 " at Ionia	1 00
	railroad fare for self from Ionia to Lansing	1 15
Nov. 28	supper at Lansing	50
	railroad fare from Lansing to Jackson	1 10
	A. Milan Willetts	
	In case of Jack Thompson, insane:	
	For sheriff fees	1 20
	county clerk fees	50
2	physician fees	6 00
	probate court	4 00
	F. G. Adler,	
	Inquest on Matthey Delano, died at Michigan State Prison November 2, 1892, of typhoid fever and its complications:	
	For venire jury	25
	view body of Matthey Delano	3 00
Dec. 22	swearing witnesses	50
	taking recognizance	25
	miles traveled, 2	12
	6 jurymen @ \$1.50	9 00
	mileage for same	72
	witnesses, three @ 50c each	1 50
23	Sheriff Boyle summoning jury and witnesses	1 98
	A. B. Bedall,	
	For conveying Amelia Hardwick from Menominee county to State Industrial School for Girls:	
	railroad fare, Menominee to Adrian, two	27 42
	supper at Marinette, two	1 00
	2 sleeping car berths @ \$2	4 00
24	breakfast, Chicago, two	1 00
	3 seats chair car, Adrian (no other car on train but mail and chair car)	3 00
	dinner, Elkhart, two	1 00
	carriage train to home, Adrian and return to hotel	1 50
	supper, lodging and breakfast, Adrian	2 00
	railroad, from Adrian to Menominee	13 71
25	dinner, Elkhart, 50c; supper, Chicago, 75c	1 25
	sleeping car, Chicago to Menominee	2 00
	breakfast, Marinette, 50c; bus, Menominee, 25c	75
	four days' time	12 00
	J. T. Ball,	
	For expenses incurred in conveying Willie Ostrander from Hillsdale county to State Public School at Coldwater:	
16	railroad fare	1 70
	hack fare to State school	50
	dinner at hotel	50
	horse in livery barn	25
	Charles D. Blanchard,	
	For services and expenses as county agent of Marquette county:	
Nov. 30	visiting the following boys out on leave of absence:	
	John Lavigne, at Ishpeming, and Austin Goes, at the Cleveland location, one day	8 00
	transportation, Marquette to Ishpeming and return	1 20
	livery hire, from Ishpeming to Cleveland location and return	1 50
	dinner at Ishpeming	50
	Andrew Breakley,	
Dec. 1	For conveying Kate Raymond from Big Rapids to State Industrial Home for Girls:	
	bus fare at Big Rapids	50
	two tickets to Adrian	11 20
	dinner at Grand Rapids	1 00
	supper at Sturgis	1 00
	bus fare at Sturgis	50
	hack at Adrian	1 50
	bed and breakfast at Adrian	1 00
	one ticket to Grand Rapids	4 80
	dinner at White Pigeon	50
	supper at Grand Rapids	50
	railroad fare from Grand Rapids to Big Rapids	1 70
		6 00
		\$9,892 89
		Amount carried forward

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$9,362 09
July 30	David P. Beebe, For services and expenses as county agent of Kalamazoo Co.: visiting home of William Carr, applicant for child	3 00
Sept. 8	visiting home of Charles T. Babcock, applicant for child	3 00
Oct. 13	visiting Gustave Jansick, one of the wards of the State Public School	3 00
Nov. 28	Brittain Clarke, For conveying Richard Lenke from Port Huron to State Reform School at Lansing: railway fare for myself, going	2 80
	railway fare for prisoner, going	2 80
	back from jail to depot at Port Huron	50
	dinner for myself and prisoner, going, at Durand	1 00
	back at Lansing to school and return to hotel	75
	supper, bed and breakfast at Lansing for self	1 50
27	railway fare for myself, returning	2 80
	back from depot at Port Huron	25
	1 1/4 days' service at \$3 per day	4 50
10	Ira B. Card, For services and expenses as county agent of Hillsdale county: visiting Mahitable Corcoran at Mrs. Mead's	3 00
	livery same	2 50
	dinner and horse fed at Reading	50
11	investigating home of F. Debow, applicant for child	3 00
	livery same	2 50
29	visiting four children at their homes: Willie Edgerton at John Ryan's; Geo. A. Steel at A. H. English's; M. A. Marshall at Louisa Prosser's; M. J. Clemmensmith at Wm. Bill's	3 00
	livery same	2 50
	dinner and horse fed at Jonesville	75
Dec. 16	visiting children: settling with Wm. Espie for Alfred Dunn and visiting and reporting four other children, Viola McConnell at Henry Jones'; Wm. J. Hiner at R. B. Tulley's; Richard Scott at W. H. Espie's; Grace M. Drake at W. H. Espie's	3 00
	livery same	2 50
	postage and writing material for year	2 50
Oct. 17	Edward Correllius, For services and expenses as county agent of Midland county: 1 day visiting Geo. Hiner and transferring him from the home of Edward Putnam to Mr. Stokes', conveyance for same	2 50
20	visiting Frances Howe at home of Harding Mills, conveyance for same	2 50
	dinner, self and horse	50
	investigating home of Chas. W. Loomis of Edenville, application for boy—conveyance to and from same	2 50
Sept. 12	Alex. Cameron, For services and expenses as county agent of Charlevoix county: inspecting jail at Charlevoix	3 00
13	" " East Jordan	3 00
	boat fare and return from East Jordan	75
Nov. 28	David Cunningham, For services and expenses as county agent of Calhoun county: investigating home of Mrs. Griswold at Albion, applicant for her son at Reform school—railroad fare, 70c; dinner and supper, \$1.00	1 70
Oct. 25	attending trial of Chas. Humphrey, juvenile truant, before H. A. Tillotson, justice of the peace, Marshall, one-half day	3 00
Sept. 28	services rendered inspecting Calhoun county jail, one day	3 00
Nov. 28	investigating home of Mrs. Cooper in connection with Martha Katten (ward), one day	80
	railroad fare to and from Battle Creek	1 00
Dec. 2	breakfast, 50c; dinner, 50c	1 00
	investigating home of Edna Eddy, applicant for May Patchen, ward, State Public School, one day	3 00
	horse and buggy, drive 30 miles	1 25
	care for horse, 25c; dinner, 50c; supper, 50c	3 00
5	investigating home of C. Sinclair, of Clarence, an applicant for ward from State Public School, one day	3 00
	paid for carriage, drive 3 1/2 miles	3 00
	dinner and supper, \$1.00; care for horse, 25c	1 25
6	investigating home of Ed. Harper, applicant for ward of Public School, paid railroad fare, 80c	80
	livery hire, drive 3 1/4 miles	1 50
	paid dinner, 50c; supper, 50c	1 00
	Amount carried forward	\$9,478 89

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$9,478 89
Dec. 9	David Cunningham, For investigating home of Eunice Stille, applicant for ward of Public School, ¼ day—paid carriage hire, 10 miles	1 50
	paid dinner	50
14	one day investigating home Ida Resaw with Simon Bell, township of Leroy, paid railroad fare—5 miles—going and returning	1 50
	paid dinner, 25c; paid supper, 50c	75
	paid horse and buggy, drive 5 miles	75
15	Frank B. Davison, For conveying Willie Bryant from Big Rapids to State Reform School, Lansing: railroad fare to Lansing and return	5 80
	for boy	8 15
	breakfast for self and boy	1 00
	dinner for self	50
	one day	3 00
20	William Dunn, For services and expenses as county agent of Grand Traverse county: visiting home of Mrs. Lampeon at Traverse City, Dec. 20, for the purpose of ascertaining the propriety of releasing her son from the Reform School at Lansing, one day	8 00
	railroad fare from Grawn to Traverse City and back	60
	dinner at Traverse City	25
Sept. 17	investigating home of Dell Hammond, an applicant for child from State Public School, one day	3 00
	paid livery in above case, 14 miles to and fro	1 00
	investigating home of W. C. Newmarch, an applicant for child from State Public School, one day	3 00
	railroad fare in above case, 20 miles	60
	dinner at Traverse City	25
Oct. 4	investigating home of Stephen McGarvy, an applicant for child from State Public School, 1 day	3 00
	paid livery in above case, 20 miles	1 50
	dinner	25
	postage and stationery	25
	W. B. Downer, For services and expenses as county agent of Branch county: looking after the case of Geo. Claude Bennett and Clarence E. Smith, of Bronson, for assault	8 00
	railroad fare, 55c; dinner, 50c	1 05
July 14	John M. Everden, For services and expenses as county agent of Gratiot county: investigating home of Elias C. Phillips, an applicant for a child from the State Public School, one day	8 00
	railroad fare, 50c; bus, 25c; dinner, 50c	1 25
Sept. 3	visiting Lucy Stone (a ward of the State Public School), one day, living with C. W. Kinney	3 00
	livery in above case, 14 miles	1 50
12	visiting Alfred Kenawee, a ward of the State Public School, living with C. W. Cushman, 1 day	3 00
	livery in above case, 14 miles	1 50
27	visiting Albert Proctor, a ward of the State Public School, living with Geo. Kahl, and James Kallaghan, a ward of the State Public School, living with David P. Smith, 1 day	8 00
	railroad fare to St. Louis and return 50c; bus 25c; livery 12 miles \$2; dinner 50c	3 25
29	visiting Tillman Slack, a ward of the State Public School, living with Jesse Newton, and Emma Gerhardt, a ward of the State Public School, living with Samuel D. Thompson, 1 day	8 00
	livery in above case, 16 miles	1 50
Oct. 3	visiting Henry Cooper, living with Geo. Packer; Ollie Pollen, living with Mrs. A. C. Henry; Duncan Evans, living with D. E. Van Dubeck, wards of the State Public School, 1 day	3 00
	railroad fare to St. Louis and return 50c; bus 25c; dinner 50c; livery from St. Louis (12 miles) \$1.50	2 75
4	visiting W. H. McClelland, a ward of the State Public School, living with Theron L. Knapp, 1 day	3 00
	livery for above	1 50
6	visiting Susan La Bell, a ward of the State Public School, with Mrs. Fuller, at Ashley, 1 day	3 00
	railroad fare to Ashley and return 55c, dinner 35c	90
11	visiting Lucy Kappler, a ward of the State Public School, living with Mrs. Jas. Marlock, 1 day	3 00
	livery in above case, 16 miles	2 00
	Amount carried forward	\$9,561 24

GENERAL ALLOWANCE.

Date.	Items.	Amount.
Allowed December 28, 1882.		
	Amount brought forward	\$0,561 24
Oct. 13	John M. Everden, For investigating home of C. E. Prince, an applicant for a child from the State Public School, 1 day	3 00
	livery in above case—18 miles	2 00
	investigating home of Mrs. B. H. Failing, an applicant for a child from the State Public School, one day	3 00
	livery in above case, 10 miles	1 50
Nov. 23	investigating home of Mary Colsenburg, an applicant for a child from the State Public School 1 day	3 00
	livery in above case, 16 miles	2 00
Dec. 8	investigating home of Mrs. Isaac Pechtel, an applicant for a child from the State Public School, one day	3 00
	livery 24 miles, \$2.50; dinner, 50c; horse feed, 25c	3 25
	investigating case of Loretta Bates charged with truancy before Wm. Bar- ton, justice of the peace, one day	3 00
30	inspecting county jail	3 00
Nov. 10	investigating case of Geo. Wellose charged with larceny before Geo. Reeves, justice of the peace, at St. Louis, one day	3 00
	railroad fare, St. Louis and return, 50c; dinner, 50c	1 00
28	H. C. French, For expenses incurred in conveying Harry Hill, John Hill and Frank Hill from Cassopolis to State Public School at Coldwater: railroad fare Cassopolis to Three Rivers	65
	" " Three Rivers to Coldwater	1 40
	lunch for self and wards at White Pigeon	50
	hack hire, Coldwater depot to State School	1 00
28-29	hotel bill, supper, lodging and breakfast at Coldwater	1 50
29	railroad fare Coldwater to South Bend	2 05
	dinner at South Bend	25
	railroad fare South Bend to Cassopolis	55
Oct. 23	J. W. Finch, For services and expenses as county agent of Lenawee county: visiting Julian Symes, Tecumseh township	3 00
	livery	2 00
28	visiting Charlotte McPherson, Deerfield township; Jerman Phillips, Pal- myra township; Maude McGuire, Palmyra township	3 00
	livery	2 00
	dinner for self and horse	65
31	visiting Willie Miller, Medina township	3 00
	livery	2 00
	horse feed and dinner	50
Nov. 1	visiting Wm. Deharity, Dover township, and John Fox, Dover township	3 00
	livery	2 00
9	supper, lodging and breakfast for self and horse	1 25
	visiting Mina Taylor and Frost Flynn, Medina township	3 00
	livery	2 00
14	visiting Burton Coover, Bollen township	3 00
	livery	2 00
15	supper, lodging and breakfast for self and horse	1 25
	visiting Francis Smith, Woodstock township; Margaret Loug, Rome town- ship, Maude Ladd, Rome township	3 00
	livery	2 00
Sept. 29	Stephen G. Fishbeck, For services and expenses as county agent of Livingston county: visiting William Bruce at home of Adam Lare	3 00
	horse and carriage	2 00
	dinner and horse feed	50
Oct. 25	investigating home of C. W. Lare	3 00
	horse and carriage	2 00
	dinner and horse feed	50
Nov. 30	L. J. Hitchcock, For expenses incurred in conveying Frank Gilbert from Genesee county to State Public School at Coldwater: railroad ticket for self to Coldwater	3 64
	" " " Frank Gilbert	1 52
	dinner at Jackson	75
	suppers at Hillsdale	50
Dec. 1	hotel bill at Coldwater	1 50
	railroad ticket home	3 64
	supper at Wayne	40
9	Stephen Hutchinson, For conveying William Hagadorn from Ypsilanti, Mich., to State Reform School for Boys: two fares to Lansing from Ypsilanti	4 30
	Amount carried forward	\$0,605 19

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$9,666 19
Dec. 9	Stephen Hutchinson,	
	For dinner at Lansing	50
	supper at Jackson	50
	one fare from Lansing to Ypsilanti	2 15
	1 1/2 day	4 50
Nov. 5	Warren H. Howe,	
	For services and expenses as county agent of Kalamazoo county:	
	investigating the home of Wm. Van Surter, for livery	3 00
21	visiting Loretta Hoyt, for livery	2 00
Dec. 18-19	Wm. M. Hathaway,	
	For conveying Harry Schlieff, aged 13 years, from Grand Rapids to State Reform School, Lansing:	
	one day's services	3 00
	hack and car fare at Grand Rapids	55
	railroad fare, self, Lansing and return	3 50
	boy, Lansing	1 00
	supper, self, leaving at School	
	lodging and breakfast, Hudson House	1 00
	hack, self, hotel to depot	25
	street car fare, Grand Rapids depot, home and delivering this account	08
8	conveying Tony Gallagher, aged 15 years, to the State Reform School at Lansing:	
	1 day's service	3 00
	expense, hack and street car, Grand Rapids	55
	railroad fare, self and boy, Grand Rapids to Lansing	3 50
	supper, self, Lansing	50
	bus, hotel to Lansing depot	25
	railroad fare, self, Lansing to Grand Rapids	1 55
	street car fare home and stationery, this account	10
Sept. 1	services and expenses as county agent of Kent county:	
	August Marshall, ward State Public School, 1/2 day, expense visiting home,	
8-19	horse hire, street car and stationery	1 08
	Maynard Burns, ward State Public School, 1/2 day, expenses looking boy up	
	a guardian, car fare	40
Oct. 6	Cora B. Wiggins, visiting home of guardian in Nelson township and report-	
	ing; also home of Mary Reutechler in Solon township, expenses, team and	
	driver from Cedar Springs about 15 miles and return	3 00
	stationery for reports	08
8	Eddie Parry, expenses advertising for guardian:	
	expenses, advertising in Leader	25
	Democrat	37
Nov. 20	Emeline Tichnor, Clara Claypool, etc., stationery, letters to guardian, etc.	05
	stationery for annual reports	05
Dec. 6	George R. Hurd,	
	For services and expenses as county agent of Monroe county:	
	attending court on arrest of Warner Adams	
12	trial	
	answering citation of justice of the peace on arrest of Otto Thiner and in-	
	vestigating his character	
17	attending trial of Otto Thiner	
June 30	William J. Jones,	
	For postage stamps and cards for nine months, used by county agent in conduct-	
	ing correspondence with the various state institutions and individuals	
	pertaining to the duties of the office of county agent from October 8, 1891	
	to July, 1892	1 50
Sept. 6	Geo. Knapp,	
	For services and expenses as county agent of Allegan county:	
	investigating the case of May Case for larceny	3 00
	eleven miles drive	1 00
12	investigating case of Andrew Collins for larceny	3 00
Oct. 10	Geo. Forbes for larceny	3 00
	26 miles drive	1 50
	dinner and horse feed	75
Nov. 15	conveying Andrew Collins from Allegan to State Reform School, Lansing:	
	bus fare, Allegan	40
	Lansing and return, self	5 15
	Collins	1 45
	2 dinners, Grand Rapids	1 00
	hack fare, Lansing	50
16	supper, lodging and breakfast	1 50
	2 days	6 00
Sept. 5	visiting Wm. Chase at home of Lillian Mack	3 00
	40 miles' drive	2 00
	Amount carried forward	\$9,738 75

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$9,788 75
Sept. 5	Geo. Knapp,	
	For horse feed	25
21	Jas. Good, home of Florence Cook	2 00
	28 miles' drive to Gable	1 50
	breakfast	50
	horse kept all day	80
	railroad South Haven and return	1 10
	drive to J. Good's	75
	dinner	50
Nov. 12	visit home of Jas. Williams, applicant for child	3 00
	bus fare	25
	car fare and return	1 90
	stage six miles	50
	dinner	50
	horse to drive to Jos. Williams'	1 00
	breakfast	50
Dec. 28	*Herman J. Kusig,	
	For services in the case of Willie DeLong, an inmate of the Reform School at Lansing, while sick with inflammatory rheumatism and in a condition rendering it impossible to return said Willie DeLong to the Reform School, together with expenses for cash paid physicians for medical aid to said Willie DeLong	125 00
19	Mrs. Chas. A. Merritt,	
	For expenses incurred in conveying Mary E. Baker from Eaton county to State Public School at Coldwater:	
	railroad fare from Charlotte to Coldwater	2 10
	" " for child	1 05
	lunch at Eaton Rapids	25
	hack " "	50
	" " Coldwater	1 00
20	supper, breakfast and lodging	1 50
	railroad fare, return	2 10
Oct. 17	John Y. McDonald,	
	For conveying Andrew Dennis from Harrisville to State Reformatory at Lansing, Mich.:	
	2 stage fares to West Harrisville @ 50c	1 00
	2 fares to Lansing	11 70
	2 lunches at Alger, dinner	80
	2 suppers at Bay City	1 00
	2 fares in hack to school in Lansing	50
	1 fare in hack from school in Lansing on return	25
18	lodging and breakfast in Lansing	1 50
	fare to West Harrisville on return	5 35
	dinner at Bay City	50
	fare on stage to Harrisville	50
	2 days attending prisoner @ \$3	6 00
Nov. 15	Frank E. Monroe,	
	For services and expenses as county agent of Montmorency county:	
	investigating case of Albert Stanke	
	distance traveled for same, 80 miles	
	dinner	40
	supper	40
	lodging	40
16	trial of Albert Stanke	3 00
	breakfast	40
	dinner	40
	supper and lodging	75
17	breakfast and dinner	75
	distance traveled, 30 miles	
15	livery for the above date	2 00
17	" " " "	2 00
18	Martin E. Miller,	
	For services and expenses as county agent of Shiawassee county:	
	placing Willie Bruce (a ward of the State Public School) in the home of Chas. H. Potter, paid for livery in above case (17 miles)	2 00
22	settling with C. C. Kelly, guardian of Edward Winterlee (a ward of the State Public School), paid for livery in above case (10 miles)	1 50
	Amount carried forward	\$9,981 50

* The above bill for care and medical assistance covers a period between the time for which the allowance was made in May, 1892, and Nov. 1, 1892. The said Reform School having paid the expenses since Nov. 1, 1892. In my opinion the above bill is an equitable claim against the State and the Board of State Auditors have a legal right to audit the same.

A. A. ELLIS, Attorney General.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$9,981 50
Dec. 3	Martin E. Miller, For going to Lansing to see Dr. Alex McMillan in regard to May Patchin (a ward of the State Public School), car fare to Lansing and return	1 60
6	dinner and supper, self	70
	going to look after the home of Arthur Jennison (a ward of the State Pub- lic School), car fare to Shafterburg and return	1 40
14	dinner and supper	70
	Albert Miller, For services and expenses as county agent of Bay county: expenses in searching for the home of Claude Washburn on leave of absence visiting and reporting condition of the home of Joseph D. Brady, an inmate of the Reform School, with a view of his return	50
15	expenses in the above, hack hire	3 00
19	visited home and reported condition of William Savann on leave of absence from Reform School	1 00
	expenses in the above case and for making further search for the home of Claude Washburn	3 00
20	visiting home and reporting condition of Daniel Grimes on leave of absence from Reform School	1 50
	expenses, hack hire	3 00
22	visiting home and reporting condition of James Sills on leave of absence from Reform School	75
	expenses, hack hire	3 00
Nov. 21	investigating case of Arthur Bissonnette	1 00
	expenses in the above case, hack fare	3 00
Dec. 13	investigating case of Wm. Huddleston	50
	expenses, hack fare	3 00
8	postage and stationery, November and December, 32 letters @ 3c	50
	Alexander P. McManamy, For services and expenses as county agent of Wexford county: visiting Thomas J. Keddey, a ward of the State Public School, living with Mrs. Daley, 1 day	96
	car fare to Harrietta and return	3 00
	supper, lodging, breakfast and dinner at Harrietta	1 55
Nov. 3	investigating home of Charles Andress, an applicant for child from State Public School, 1 day	1 00
	paid car fare to Cadillac and return	3 00
	supper at Cadillac	65
19	investigating home of Martin Russell, an applicant for child from State Public School, ¼ day	25
	paid for livery in above case, 5 miles	1 50
28	investigating case of Bessie Bigelow, charged with larceny, before James E. Bishop, justice of the peace, 1 day	1 00
	car fare to Cadillac and return	3 00
	dinner, supper, lodging and breakfast at Cadillac	65
	postage stamps from Aug. 31, 1892 to Dec. 17, 1892	1 00
Dec. 16	visiting Arthur Miller, a ward of Reform School, living with Mrs. Daley, 1 day	75
	car fare in above case, to Cadillac and return	3 00
	dinner for self	65
17	visiting Nicholas Smith, a ward of Reform School, living at Benjamin Hewitts, ¼ day	25
21	1 50	
	A. W. Moshier, For services and expenses as county agent of Van Buren County: removing Nora Bell Seeley from the home of Mr. Buckley, of Paw Paw, to the home of Mr. Hatch, of Hartford, livery 36 miles	1 50
	dinner for self, 50c; horse feed, 25c	75
22	taking Lena Cook to Kalamazoo to meet Mr. Wisand: telephoning Mr. Wisand	30
	livery 24 miles	1 50
	dinner for self, 50c; girl, 50c	1 00
	supper for self, 50c; horse feed, 50c	1 00
24	postage stamps and postal cards from July 18 to date	1 41
Oct. 15	going after Loren Hoyt of Gables, livery 16 miles	1 50
	boarding him over Sunday	1 00
	taking him to Lawton to return him to his father in Chicago, livery 12 miles	1 50
	visiting Ida May Austin, livery 25 miles	1 50
14	dinner for self, 25c; horse feed, 25c	50
16	visiting Retta Chapman and Ray Glen Noble, livery 10 miles	1 50
21	" Berney Sparks, livery 8 miles	1 50
22	" Lewis Chaption, Nora Belle Seeley, Willard Yale and Bessie May Baxter, livery 10 miles, \$1.50; horse feed, 25c; dinner, 25c	2 00
	visiting Willis Hoover and Charles Buzzell, livery 18 miles, \$1.50; dinner, 25c; horse feed, 25c	3 00
	Amount carried forward	\$10,003 82

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
	Amount brought forward	\$10,003 83
Oct. 25	Lyman C. Moore, For services and expenses as county agent of Van Buren county: investigating cases of James Ostrander, Leon T. Caswell, and Allie Phillips charged with larceny before Samuel J. Smith, justice of the peace, at Car- son City, one day	3 00
	paid for livery in above cases from Stanton to Carson City and return, 26 miles travel, two horses	3 00
	horse fed at Carson City	25
29	investigating case of Arthur Courtwright charged with placing an obstruction upon the track of the D. L. & N. E. R., before William A. Briggs, justice of the peace at Stanton, 1 day	3 00
Dec. 9	investigating case of John Brimmer, charged with cruelty to animals before William A. Briggs, justice of the peace, at Stanton, 1 day	3 00
5	S. H. Preston, For services and expenses as county agent of Ingham county: investigating home of E. W. Clark, Williamston, and visiting Maud Allen ..	3 00
	car fare, Williamston and return	90
	carriage, Williamston to Clark's	1 00
	dinner at Williamston	50
	street car fare at Lansing	10
8	investigating home of Mrs. Adaline Scott, five miles southeast of Lansing ..	3 00
	horse and carriage to Scott's	1 50
Nov. 22	John O'Gorman, For services and expenses as county agent of Saginaw county: visited the home of Ella Fitts, who is an applicant for the return of her child from the Coldwater school: hack fare at Saginaw	50
	railroad fare to Cheesaning	65
	dinner at Cheesaning	50
	supper at Cheesaning	50
	return railroad fare from Cheesaning	65
	hack fare at Saginaw on return	50
Sept. 27	inspecting jail, one day spent	3 00
Oct. 17	investigation of Edward Bryan before Bolger, justice of the peace, paid out for dinner	50
Nov. 21	visiting the home of James McNeill, St. Charles, who is an applicant for a child from Coldwater, railroad fare to St. Charles	45
	dinner at St. Charles	50
	rig at St. Charles, 16 miles	2 50
	supper at St. Charles	50
	hack fare at Saginaw	50
	railroad return fare from St. Charles	45
Dec. 1	S. H. Preston, For services and expenses as county agent of Ingham county: investigating case of Luke Madden and George Mahoney for larceny before P. H. Dolan, justice of the peace	3 00
	horse and carriage	1 00
2	investigating case of James O'Donnell, before C. P. Leabar, justice of the peace, on charge of assault and battery	3 00
	horse and carriage	1 00
14	investigating case of Floyd Prouty, before O. A. Clark, justice of the peace, on charge of larceny	3 00
	horse and carriage to North Lansing twice	1 00
20	investigating case of Spencer Sweet, before O. A. Clark, justice of the peace, on a charge of burglary	3 00
	horse and carriage	1 00
Nov. 24	investigating home of Mrs. Rose Owens, 515 Lapeer street, west, Lansing, applicant for her daughters, Mary and Birdie Owens	3 00
	carriage	50
25	investigating home of Mrs. May Parker, 5 miles southeast from Williams- ton, applicant for Minnie Hammond	3 00
	ticket, Williamston and return	90
	carriage, Williamston to Parker's	1 00
	dinner at	50
	car fare	10
	visited Maud Allen, living with Mrs. W. A. Link, 2½ miles east of Williamston	
Dec. 23	Alanson Partridge, For conveying Richard Brown from Pontiac to State Reform School at Lansing: railroad fare for self and return	4 00
	" " " boy, ¼ rate from Pontiac	95
	lunch for self and boy at Pontiac	40
	hack for self and boy	50
	Amount carried forward	\$10,006 62

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$10,088 62
Dec. 23	Alanson Partridge, For lodging and breakfast at Downey House, Lansing	1 00
24	supper at Durand	50
	2 days' time	6 00
Sept. 19	D. C. Wachs, For services and expenses as county agent of Ottawa county: visiting the home of Michael Carpenter	\$ 00
	car fare to Nunica and return	50
20	visiting home of W. F. Stamp	3 00
	car fare to Cooperaville and return	80
21	visiting home of M. Van Putten	3 00
	car fare to Holland and return	1 80
Nov. 25	Wm. P. Preston, For conveying Abraham A. Decatur from Mackinac Island to State Reform School: 2 fares Mackinac Island to St. Ignace	1 00
	2 dinners, \$1.00; 2 suppers, \$1.00, at St. Ignace	2 00
	lodging	1 00
26	breakfast	1 00
	fares to Mackinaw City, two	2 00
27	2 dinners, \$1.00; 2 suppers, \$1.00 at Mackinaw City	4 00
	sleeping car berths, one section	17 80
	2 fares, Mackinaw City to Detroit @ \$8.65	2 00
	2 dinners, \$1.00; 2 suppers, \$1.00; Detroit, Sunday	1 60
	2 breakfasts, Bay City, Sunday	1 00
	2 lodgings, Detroit	1 00
	2 breakfasts	5 20
	2 fares to Lansing @ \$2.65	50
	1 dinner	2 65
	1 fare to Detroit	50
	1 supper at Detroit	8 65
	1 fare Detroit to Mackinaw City	2 00
	1 sleeping car berth	50
29	1 breakfast, Mackinaw City	50
	1 fare, Mackinaw City to St. Ignace	50
	dinner, 50c; supper, 50c	1 00
30	lodging	50
	breakfast	50
	fare, St. Ignace to Mackinac Island	9 08
	3 days going with boy	6 00
	3 days returning	
Oct. 2-4	Charles D. Peterhans, For services and expenses as county agent of Tuscola county: removing and transferring Oliver Baltzell from his home in Wells township, 14 days	\$ 00
	hotel bill	1 75
	railroad fare to Vassar and return	75
Nov. 10	*Levi Sparks, For conveying Mary Courtney from Benton Harbor to State Industrial Home for Girls: car fare from Benton Harbor to Adrian, self and girl	9 10
	bus fare at Adrian	75
	supper and breakfast at Adrian	1 00
	lodging at Adrian	50
11	car fare for self from Adrian to Fairland (home)	4 05
	dinner at Elkhart	50
	two days time, November 10 and 11, @ \$3.00	6 00
Dec. 9	Jas. Marcus Snow, For conveying Cora Henry from Muskegon to State Industrial Home for Girls: fare, self and Cora Henry, Muskegon to Britton	10 50
	Britton to Adrian	70
	back at Muskegon	50
	lunch for two	70
	back at Adrian	1 00
10	supper, lodging and breakfast at Adrian	1 50
	fare, self to Muskegon, via L. S.	5 50
	dinner at Hilledale	50
	supper at Holland	50
	two days' services	6 00
	Amount carried forward	\$10,214 92

*So far as this claimant is concerned, he is entitled to the amount claimed, and I recommend its payment. The child was not received, but the work was done in good faith for the State, and it is not clear but what the Superintendent was wrong in rejecting the child, at least, so far as Levi Sparks is concerned, he is entitled to his pay.

A. A. ELLIS, Attorney General.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$10,214 92
May 13	Jas. Marcus Snow.	
	For services and expenses as county agent of Muskegon county:	
	visit to Pearly Taylor	2 00
	railroad fare to Twin Lakes and meals	1 75
15	visit to Eugene Linton	3 00
	railroad fare to Montague and horse and buggy	2 00
July 18	visit to Fred Boula and Lizzie Boula, Genesee county	3 00
	livery to Green's Creek (12 miles)	2 00
Aug. 2	visit to Guy Warren	3 00
	railroad fare to Whitehall and meals	1 75
13	visit to Charley Van Buren	3 00
	horse and buggy to Laketon	1 00
7	visit to Bessie Ward	3 00
	railroad fare to Moorland and dinner	1 50
13	visit to Albert Stewart	2 00
	team to Dalton and dinner	2 00
Sept. 2	special visit to home of Chas. Grove, Ravenna	2 00
	railroad fare, livery and meals	2 50
13	visit to Chas. Payne, city	3 00
18	visit to Rachel Rykena	3 00
	railroad fare to Casnovia and meals	1 75
15	visit to Mabel Jacobs	3 00
Nov. 16	investigation and report on home for boy with Mr. J. Gisel	3 00
Sept. 5	Thos. Shaw, senior.	
	For services and expenses as county agent of Macosta county:	
	investigating the case of Otto Sabotto, Fred Sabotto, Ugo Maartz, Herman Rithieski, Henry Taylor, Fred Kohn, Joseph Bedoski and Thos. Everson, wilful destruction of property	2 00
	inspeeting jail	2 00
Oct. 22	investigating case of Allen Barton, 10½ years, larceny, county jail twenty days	2 00
	investigating the case of Kate Raymond, 16 years old, charged as disorderly — S. S. A.	2 00
Nov. 20	investigating the case of Mary Goit, 16; and Amy Goit, 14, charged as disorderly; Mary given in charge into her sisters' home, Amy returned to her mother; both girls under suspended sentence	2 00
	investigating case of Willie Bryant, charged with larceny — R. S. L.	2 00
Sept. 7	investigating the home of Mrs. Leonard Davis, Green township	2 00
	livery	1 50
9	investigating the home of Mrs. Bestor, Big Rapids township	3 00
	livery	1 00
	stationery and postage for 2 years	5 00
Nov. 11	David Trombley.	
	For conveying Charles Kollins, Wm. Hopkins and Mary Johnson from Wayne county to State Public School at Coldwater:	
	2 fares from county house to Detroit, with children	90
	2½ fares from Detroit to Coldwater	9 40
	hack fare to school	75
	3 dinners at Adrian	75
	supper, lodging and breakfast at Coldwater	1 50
12	fare from Coldwater to Detroit	3 35
	dinner and supper at Detroit	1 00
	fare from Detroit to county house	45
Dec. 15	Edward Taylor.	
	For conveying Ralph Tillis, 6 years of age, from Jackson county to State Public School at Coldwater:	
	hack to depot in Jackson	50
	one fare to Coldwater	1 30
	one one-half fare to Coldwater	65
	lunch for Ralph Tillis	10
	dinner and supper in Coldwater	1 00
	fare from Coldwater to Jackson	1 30
16	lodging and breakfast in Jonesville	1 00
15	hack to State Public School in Coldwater and return to hotel and from hotel to depot	1 25
16	hack in Jackson on return	25
20	conveying Celia McDonnell from Jackson to State Industrial Home for Girls:	
	hack to depot in Jackson	50
	one fare to Adrian for Celia McDonnell, 12 years of age	1 35
	fare for myself to Adrian and return	2 70
	refreshments for Celia	25
	hack to Industrial Home in Adrian	1 00
	dinner and supper	1 00
	Amount carried forward	\$10,330 92

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed December 28, 1892.</i>		
	Amount brought forward	\$10,830 92
Dec. 20	Edward Taylor, For hack to depot in Adrian	25
	hack in Jackson on return	50
21	one day's services	3 00
	*conveying Jessie M. Miller, 15 years of age, from Jackson to State Reform School: hack in Springport to depot	50
	two fares from Springport to Eaton Rapids	60
	hack in Eaton Rapids	50
	suppers for Jessie and myself	1 00
	two fares to Jackson	1 40
	lodging and breakfast in Jackson for Jessie M. Miller	50
22	hacks in Jackson	1 00
	two fares to Lansing	2 20
	hack in Lansing	1 00
	dinner and supper	1 00
	return fare to Jackson	1 10
	hack in Jackson	50
	one days' service	3 00
Nov. 25	services and expenses as county agent of Jackson county: attending trial of John W. Anderson before William Walker, justice of the peace, for truancy, conveyance	1 00
Dec. 8	dinner	25
	Charles Davison, for larceny, before D. G. Palmer, justice of the peace, conveyance	1 00
19	dinner	25
	Celia McConnell, for truancy, before G. W. Ford, justice of the peace, conveyance	1 08
21	dinner	25
	Jessie M. Miller, for truancy, before Berton N. Bennett, Springport, justice of the peace, hack to depot in Jackson	50
	car fare to Eaton Rapids	70
	breakfast in Eaton Rapids	50
	hack to depot in Eaton Rapids	25
	fare, Eaton Rapids to Springport	30
	dinner and hack in Springport	75
22	postage	50
23	telephone to Lansing in regard Jessie being committed to Reform School	25
	Geo. H. Turner, For services and expenses as county agent of Genesee county: investigating the case of Guy Stone and Michael Kennedy before Justice R. H. Green, Flushing, for larceny of two mittens; agent's fee	3 00
	horse and buggy, 42 miles	2 00
	dinner for self and horse	50
Sept. 15	telephoning	80
	jail report	3 00
	stationery during the year	8 00
July 15	Otto Kohlhaas, Mirtle Button, Archibald D. Long, to livery one day, 34 miles	2 00
	feed for horse and self	50
22	agents' fee	3 00
	Gladys Bennington, Almira Westover, Lewis Nichols, to livery one day, 25 miles	2 00
	feed for horse and self	50
Aug. 13	agent's fee	3 00
	Dottie Hutchins, Willie Davis, James Smith, Ettie Lyda, Chester Hennings, livery one day, 40 miles	2 00
	feed for horse and self	50
16	agent's fee	3 00
	Anthony Rose, Rose Lusigman, Lily Gosch, to livery one day, 25 miles	2 00
12	feed for horse and self	50
	agent's fee	3 00
	report on the home of Witter Calkins, Fenton, livery one day, 24 miles	2 00
Sept. 15	feed for self and horse	60
	agent's fee	3 00
	visit Witter Calkins and make report, livery one day, 24 miles	2 00
	feed for self and horse	60
Aug. 17	agent's fee	3 00
	visit Kittie Williams, Geo. Davison, Chester Cronkwright, Aggie Hanch, livery one day (45 miles)	2 00
	Amount carried forward	\$10,408 42

*Had to take Jessie M. Miller by way of Jackson to have the commitment approved by judge of probate.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 28, 1892.</i>	
Aug. 17	Amount brought forward	\$10,408 42
	Geo. H. Turner,	
	For feed for horse and self	50
19	agent's fee	3 00
	visit Clara Goech, Carl Nichols, William Thurston, Geo. M. Garner, livery	
	one day (38 miles)	2 00
	feed for self and horse	50
	agent's fee	3 00
	visit Jerome La Point, Edith Hess, Arthur Sissons, William Dryden, John	
	Wade, Edwin Emugh, livery one day (40 miles)	2 00
	feed for self and horse	50
	agent's fee	3 00
24	indenturing a boy at E. D. Lord's	3 00
Oct. 4	visiting the home of Wm. Aribal to place boy, livery (30 miles)	3 00
	feed for self and horse	50
	agent's fee	3 00
13	visiting the home of Wm. Robinson for girl	3 00
Nov. 24	James M. Van Tassel,	
	For conveying Jane Wiltry from Tuscola county to State Public School at	
	Coldwater:	
	railroad fare to Detroit	4 50
	dinner at Detroit	1 00
	street car fare	20
	supper in Detroit	1 00
	railroad fare from Detroit to Coldwater	5 05
	lodging and breakfast and dinner	2 00
25	railroad fare from Coldwater to Detroit	3 35
	supper, lodging and breakfast in Detroit	2 00
26	railroad fare from Detroit to Caro	3 00
26	bus fare for taking child from Coldwater to school	1 00
28	Charles M. Waterloo,	
	For services and expenses as county agent of St. Clair county:	
	visiting home of John Zuehlke	
	fare on Idlewild, Port Huron to Marine City and return	75
	dinner and supper at Commercial House, Marine City	75
	hack at Port Huron	25
Dec. 6	O. B. Wiggins,	
	For conveying Bertha May and Ulysses May to State Public School:	
	fare from Lawrence to Lawton	60
	railroad, Lawton to Kalamazoo	75
	hack fare at Kalamazoo	50
	3 dinners at Kalamazoo	1 00
	railroad fare Kalamazoo to Coldwater	2 70
	3 suppers at White Pigeon	1 00
	hack fare to school	75
9	hotel bill at Coldwater	1 50
	railroad fare Coldwater to Kalamazoo	1 30
10	hotel bill at Kalamazoo	1 50
	railroad fare Kalamazoo to Lawrence	90
14	A. D. Wyman,	
	For conveying William Huddleson, aged 13 years, from Bay City to State Reform	
	School:	
	hack at Bay City from jail to depot	50
	railroad fare for self to Lansing and return	4 30
	" " boy " "	2 15
	hack at Lansing from depot to school	50
	dinner and supper at Lansing	1 00
	one and one-half days' time @ \$3 per day	4 50
Nov. 14	Daniel Walters,	
	For services and expenses as county agent of Eaton county:	
	investigating home of M. S. Phillips, Charlotte, by order of superintendent	
	of State Public School at Coldwater	3 00
	railroad fare from Eaton Rapids to Charlotte and return	53
	dinner at Charlotte	50
13	investigating home of Marcus Benson, of Charlesworth, an applicant for	
	State Public School, Coldwater	1 00
	livery seven miles in country	1 50
28	investigating home of Arthur Noice, of Grand Ledge, by order of superin-	
	tendent of State Reform School, Lansing:	
	railroad fare from Eaton Rapids to Charlotte	30
	" " " Charlotte to Lansing	37
	" " " Grand Ledge and return	65
	hack at Grand Ledge	25
	dinner at Grand Ledge	50
	Amount carried forward	\$10,488 84

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 25, 1892.</i>	
Nov. 28	Amount brought forward	\$10,488 84
	Daniel Walters.	
	For railroad fare from Lansing to Eaton Rapids on L. S. R. E.	50
	street car fare	10
Oct. 20	visiting home of Scott Winters of Charlotte.	3 00
	railroad fare from Eaton Rapids to Charlotte and return	55
	dinner at Charlotte	50
Dec. 10	investigating the home of Harry E. Greyson, of Bellevue, to effect a settle- ment for Rosella Cadotte, who was 21 years of age December 10, but was living in Battle Creek:	
	railroad fare from Eaton Rapids to Charlotte and return	55
	hack, Charlotte	50
	railroad fare from Charlotte to Bellevue	50
	dinner at Bellevue	26
	railroad fare from Bellevue to Charlotte	28
	supper at Charlotte	50
14	investigating home of Rosetta Cadotte, Battle Creek, to secure settlement with Harry E. Greyson and secure Rosetta's receipt for \$50 for State Public School for \$50 received from Greyson:	
	railroad fare from Eaton Rapids to Charlotte and return	55
	Charlotte to Battle Creek	53
	dinner at Battle Creek	50
	railroad fare from Battle Creek to Charlotte	53
	hack, Battle Creek	25
	supper, Charlotte	50
	telephone from Charlotte to Greyson, Bellevue	30
5	investigating home of Elizabeth Monroe, Kalamo:	
	railroad ticket from Eaton Rapids to Charlotte	55
	livery, 9 miles in country	2 00
	dinner, Charlotte	50
	supper, Charlotte	25
	investigating home of Mary L. Reede of Charlotte, an applicant of ward from State Public School, Coldwater:	
	railroad fare from Eaton Rapids to Charlotte and return	55
	livery, 5 miles in country	1 50
	dinner at Charlotte	50
17	Theo. L. Backus,	
	For 10 doz No. 1 white paper baskets, sam. 139, @ \$4.50	45 00
	2 sam. 140, @ \$5.50	11 00
	*Totten & Phelps.	
	For costs and attorneys fees taxed against the State in case of Allen Caldwell, treasurer of township of Oliver, Kalkaska county, vs. David Ward and Henry C. Ward, as per decree of circuit court of Kalkaska county in chancery	37 05
20	R. E. Kearns.	
	For salary for keeping the books of the Board of Control of swamp lands for two years ending Dec. 31, 1892	200 00
	Geo. T. Shaffer.	
	For expense in attending 24 meetings of Board of State Auditors, 1891-2, 12 of which involved expense of travel from Cassopolis to Lansing and return	72 80
	expense attending 16 meetings of Board of Control of State Swamp Lands, 6 of which involved the expense of travel from Cassopolis to Lansing and return	48 40
	expense in attending 5 meetings of Agricultural College Land Grant Board and 5 meetings of Canvassing Board	30 00
	George W. Stone.	
	For expenses attending meeting of Swamp Land Board, 1891 and 1892 (14 days) and attending Agricultural College Land Grant Board, 1891 and 1892 (4 days), 18 days	54 00
	Amount carried forward	\$11,008 27

***To the Board of Auditors:**

In the matter of the taxation of costs in the case of Caldwell, township treasurer, vs. Ward, I have the honor to reply that the State is liable for costs in such proceedings. Section 8th of Howell's Statute provides that "civil suits and proceedings, by or in the name of the people of this State, instituted by any officer duly authorized for that purpose, or the people shall be liable for costs in the same, and to the same extent as if such suit or proceedings were instituted by an individual." This is a civil suit, instituted by a duly authorized officer of this State, under the provisions of act No. 223 of the laws of 1889, and consequently the people of the State would be liable for costs the same as any private individual. Respectfully,

Respectfully,
A. A. ELLIS,
Attorney General.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed December 29, 1892.</i>	
Dec. 20	Amount brought forward	\$11,008 27
	A. A. Ellis,	
	For expenses in attending twelve meetings of Board of Control of State Swamp Lands in 1891 and 1892.....	85 80
	expenses in attending four meetings of Agricultural College Land Grant Board March 26 and April 30, 1891 and March 31 and May 26, 1892.....	12 00
	Western Union Telegraph Co.,	
	For messages from Nov. 5 to Nov. 14, inclusive.....	3 17
	<i>Allowed January 25, 1893.</i>	
	Chas. Haase, stationer,	
	For services as legislative stationer from Jan. 4 to 31, 28 days @ \$3 00	84 00
	M. J. & B. M. Buck,	
	For 1 leather chair, senate.....	34 00
	1 leather top table.....	32 00
	Burnham & Co.,	
	For 1 doz. towels, \$3.75; 3 doz. towels, \$10.50; 3 doz. towels, \$8.35.....	22 80
	Ferry & Butts,	
	For 1 leather rocker, \$35.00, Lieut. Gov.; oak mirror, \$7.00, house.....	42 00
	1 toilet wash stand, senate, \$6.00; (13th) 3 prize carpet sweepers, \$10.50.....	16 50
	3 perfection sweepers.....	9 00
16	oak mirror.....	6 50
18	5 foot oak curtain desk.....	32 00
	Warren Atwood,	
	For expenses incurred in conveying John Foebe from Hillsdale to State Public School at Coldwater:	
	car fare.....	1 45
	livery hire.....	75
	dinner.....	25
July 28	B. BeDell,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School, Lansing:	
	investigating home of John Dallas, 1 day's time, \$6.00; horse hire, \$1.00.....	4 00
29	John Peterson Norway, railroad fare, \$4.00; one day, \$3.00; dinner and supper, \$1.00.....	8 00
Aug. 3	investigating home of Delos Genor, Talbott, railroad fare, \$2.50; one day, \$3.00; dinner and supper, \$1.00.....	6 50
Dec. 30	investigating home of Delos Genor, Talbott, railroad fare, \$2.50; one day, \$3.00; dinner and supper, \$1.00.....	6 50
Sept. 9	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, Laws of 1885:	
	one day's time inspecting jail.....	3 00
Oct. 3	investigating charge of larceny in People vs. Alfred Linquist, J. P. Magmison, one day.....	3 00
Nov. 15	investigating charge of truancy in People vs. Phillip Derocher, M. Vanderburg, justice of the peace:	
	one day's time, \$3.00; horse hire, \$1.50.....	4 50
Dec. 16	investigating case of Chas. Ehlers at Spaniding, larceny, B. J. Nickles, justice of the peace:	
	railroad fare Spaniding and return.....	2 50
	1 day's time \$3, breakfast, dinner and supper \$1.50.....	4 50
17	investigating charges truancy, Anita Harding, M. Vanderburg, justice of the peace, 1 day.....	3 00
23	Charles D. Blanchard,	
	For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, act 168, laws 1885:	
	investigating charges against William Murthey before Cornelius Kennedy, 1 day.....	3 00
	transportation Marquette to Ishpeming and return.....	1 20
	dinner at Ishpeming.....	50
	postage and stationery for the quarter ending December 31, 1892.....	
Jan. 16	Nelson Cameron,	
	For expenses incurred in conveying George Allen and Daniel Allen from Sanilac county to State Public School at Coldwater:	
	livery hire conveying children probate court to railroad station.....	2 00
	railroad fare from Croswell to Coldwater, 2 children and myself.....	11 15
	hotel fare and meals.....	3 00
17	hotel fare, myself and children.....	2 50
	hack hire to the school in Coldwater.....	1 00
	railroad fare, Coldwater to Port Huron.....	4 75
	hotel, meal at Port Huron.....	50
18	lodging and breakfast at Port Huron.....	75
	Amount carried forward	\$11,462 51

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1893.</i>	
Jan. 18	Amount brought forward	\$11,462 51
	Nelson Cameron,	
	For hack hire, Port Huron	25
	railroad fare, Port Huron to Carsonville	1 10
	meal and conveyance home from Carsonville	1 50
9	P. T. Colgrove,	
	For services as presidential elector, fourth district:	
	94 miles travel at 5c per mile	4 70
	one day's attendance @ \$5.00	5 00
	W. L. Churchill,	
	For services as presidential elector, tenth district:	
	446 miles travel at 5c per mile	22 30
	3 days' attendance at \$5.00	15 00
	conveying certificate to Detroit, railroad fare to Detroit and return	5 10
	1 day @ \$5.00	5 00
	Aaron Clark,	
	For services as alternate presidential elector at large, eastern district:	
	128 miles travel @ 5c per mile	7 40
	1 day's attendance	5 00
	James A. Crozier,	
	For services as presidential elector 12th district:	
	1,064 miles travel @ 5c per mile	58 20
	5 days' attendance @ \$5.00 per day	25 00
	Geo. H. Durand,	
	For services as presidential elector at large, eastern district:	
	100 miles travel @ 5c per mile	5 00
	one day's attendance @ \$5.00	5 00
	R. W. Gillett,	
	For services as presidential elector, first district:	
	172 miles travel @ 5c per mile	8 60
	1 day's attendance @ \$5.00	5 00
	J. T. Hannah,	
	For services as presidential elector, eleventh district:	
	224 miles travel @ 5c per mile	11 20
	3 days' attendance @ \$5.00 per day	15 00
	Henry H. Holt,	
	For services as alternate presidential elector, ninth district:	
	210 miles travel @ 5c per mile	10 50
	2 days' attendance @ \$5.00	10 00
	Henry A. Haigh,	
	For services as presidential elector 6th district:	
	172 miles' travel @ 5c per mile	8 60
	3 days' attendance @ \$5.00	10 00
	Jay A. Hubbell,	
	For services as presidential elector at large, western district:	
	1,086 miles' travel @ 5c per mile	51 80
	5 days' attendance @ \$5.00	25 00
	Frank W. Hubbard,	
	For services as presidential elector 7th district:	
	370 miles' travel @ 5c per mile	18 50
	3 days' attendance @ \$5.00 per day	15 00
	Otto Ihling,	
	For services as presidential elector 3d district:	
	186 miles' travel @ 5c per mile	9 30
	2 days' attendance @ \$5.00	10 00
	Wm. M. Kilpatrick,	
	For services as alternate presidential elector 8th district:	
	56 miles' travel @ 5c per mile	2 80
	1 day's attendance @ \$5.00	5 00
	E. R. Smith,	
	For services as presidential elector, second district,	
	130 miles travel @ 5c per mile	6 50
	3 days' attendance @ \$5.00	15 00
	C. G. Swensberg,	
	For services as presidential elector, fifth district:	
	130 miles travel at 5c per mile	6 50
	1 day's attendance at \$5.00	5 00
	J. S. Stearns,	
	For services as presidential elector, ninth district:	
	456 miles' travel @ 5c per mile	22 80
	3 days' attendance at \$5.00	15 00
	Fred Slocum,	
	For services as presidential elector, eighth district:	
	216 miles' travel @ 5c per mile	10 80
	3 days' attendance at \$5	15 00
	Amount carried forward	\$11,938 46

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1892.</i>	
Jan. 9	Amount brought forward	\$11,933 46
	Samuel A. Watt,	
	For services as alternate presidential elector, 5th district:	
	94 miles travel at 50 per mile	4 70
	1 day's attendance	5 00
1891-92	Robert E. Blacker,	
	For expenses in attending 5 meetings of the board of control of State swamp	
	lands on the following dates: December 31, 1891, January 27, March 31,	
	April 1 and May 23, 1892	38 60
1892	expenses as Secretary of State attending meetings of State board of	
	canvassers:	
Nov. 23	railroad fare to Lansing and return \$10.00, hotel bill 2 days \$5.00	15 00
Dec. 15-16	" " " " " " \$10.00, " " 3 " \$7.50	17 50
1891-92	expenses in attending three meetings of the agricultural land grant board	
	on the following dates: December 31, 1891, March 31 and May 23, 1892	9 00
1891	expenses as Secretary of State, attending meetings of Board of State	
Dec. 30	Auditors:	
	railroad fare to Lansing and return	10 00
31	3 days' hotel bill	7 50
1892		
Jan. 27	railroad fare to Lansing and return, \$10.00; hotel bill two days, \$5.00	15 00
Feb. 24	" " " " " " 10.00, " " " " " " 5.00	15 00
Mar. 31	" " " " " " 10.00, " " " " " " 5.00	15 00
Apr. 26	" " " " " " 10.00, " " " " " " 5.00	15 00
May 31	" " " " " " 10.00, " " " " " " 5.00	15 00
June 29	" " " " " " 10.00, " " " " " " 5.00	15 00
July 27	" " " " " " 10.00, " " " " " " 5.00	15 00
Aug. 31	" " " " " " 10.00, " " " " " " 5.00	15 00
Sept. 28	" " " " " " 10.00, " " " " " " 5.00	15 00
Oct. 28	" " " " " " 10.00, " " " " " " 5.00	15 00
Nov. 23-30	" " " " " " 10.00, " " " " " " 7.50	17 50
Dec. 23-29	" " " " " " 10.00, " " " " " " 7.50	17 50
1891		
Jan. 1	Frederick Braastad,	
	For expenses attending meetings of Board of State Auditors at Lansing:	
	railroad fare and sleeper from Lansing to Ishpeming and return	37 00
29	" " " " " " " " " " " " " "	37 00
Feb. 26	" " " " " " " " " " " " " "	37 00
Mar. 25	" " " " " " " " " " " " " "	37 00
June 24	" " " " " " " " " " " " " "	37 00
July 23	" " " " " " " " " " " " " "	37 00
Aug. 26	" " " " " " " " " " " " " "	37 00
Sept. 11	" " " " " " " " " " " " " "	37 00
Nov. 24	" " " " " " " " " " " " " "	37 00
Dec. 30	" " " " " " " " " " " " " "	37 00
1892		
Mar. 31	" " " " " " " " " " " " " "	37 00
April 26	" " " " " " " " " " " " " "	37 00
June 29	" " " " " " " " " " " " " "	37 00
Sept. 28	" " " " " " " " " " " " " "	37 00
Nov. 29	" " " " " " " " " " " " " "	37 00
Dec. 15	" " " " " " " " " " " " " "	37 00
27	" " " " " " " " " " " " " "	37 00
1893		
Jan. 3	" " " " " " " " " " " " " "	37 00
1891		
Jan. 1	hotel bill for room	6 00
	meals	1 25
29	"	5 00
Feb. 26	"	4 00
Mar. 25	"	3 00
June 24	"	4 00
July 23	"	4 00
Aug. 26	"	4 00
Sept. 11	"	3 50
Nov. 24	"	4 00
Dec. 30	"	4 00
1892		
Mar. 31	"	2 75
Apr. 26	"	2 75
	Amount carried forward	\$12,500 76

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$12,890 76
1892	Frederick Braastad,	
June 29	For meals	2 75
Nov. 29	"	2 55
Sept. 28	"	2 25
Dec. 25	"	2 75
15	"	4 25
Dec. 25	"	
to Jan. 3, 1893	"	10 25
1891-1892	expenses in attending two meetings of the Agricultural Land Grant Board on the following dates: March 25, 1891 and March 31, 1892	6 00
Jan. 17	William N. Walton, For attendance at State Board of Canvassers relative to return on State Land Commissioner: railroad fare from Cass to Lansing and return	4 95
	hack fare	50
	hotel bill 2½ days	4 50
	two telegrams to Sec'y of State, replies	50
	2 days time at canvass, State officers	5 00
19	Callaghan & Company, For 100 Howell's statutes, vol. 1, @ \$2.50	250 00
	100 " " vol. 2, @ \$2.50	250 00
Dec. 26	Three Rivers Paper Co., For 175 bds., 700 rms., 28x44, 48 lb. No. 1 print, 32,600 lbs. @ \$3.60	1,209 60
	138 bds., 552 rms., 28x44, No. 1 print, 26,456 lbs. @ \$3.60	958 86
Nov. 23	A. T. Montgomery, For expenses incurred in search and return of escaped patient, Alfred Greyson, viz.:	
23, 24	telephone Supt. of Asylum	20
	railroad fare Ionia to Lowell	70
	livery team, Lowell to Freeport	2 50
	one day's time	2 50
Dec. 12	David Cunningham, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School: visiting home of Ernest Botsford with A. P. Gleason, paid railroad fare to Battle Creek	40
	railroad fare from Battle Creek to Joppa	35
	carriage hire, drive 14 miles	1 25
	return fare, Joppa to Battle Creek	35
	dinner, 50c; supper, 50c; return fare from Battle Creek, 40c	1 40
1893		
Jan. 3	visiting home of Delman Tripp, one day	3 00
	railroad fare, Marshall to Battle Creek and return	80
	dinner, Battle Creek, 50c; car fare, 10c	60
	visiting home of Albert Owens, one day	3 00
	paid railroad fare from Marshall to Battle Creek and return	80
	dinner and supper at Battle Creek	1 00
	investigating home of Geo. Miller one day	3 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Public School at Coldwater:	
Dec. 20	expenses paid visiting home of Inez Stewart with Edgar Newbre, Battle Creek; paid railroad fare to and from Battle Creek	80
	dinner, 50c; supper, 50c	1 00
26	expenses in investigating home of Maggie Darren: railroad fare to and from Battle Creek	80
	dinner and supper at Battle Creek	1 00
28	expenses in investigating case of Inez Stewart: railroad fare from Marshall to Battle Creek and return	80
	dinner at Battle Creek	50
	street car fare, 10c; supper at Battle Creek, 50c	60
30	expenses paid in investigating home of Geo. Upston, an applicant for ward from State Public School: horse and buggy, drive 28 miles	2 35
	dinner at Tekonsha, 50c; supper, 50c	1 00
	feed for horse	25
1893		
Jan. 2	investigating case of Inez Stewart, one day	3 00
	railroad fare from Marshall and return	80
	carriage hire at Battle Creek, 25c; dinner at Battle Creek, 50c	75
	supper at Battle Creek	50
	Amount carried forward	\$15,636 97

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$15,686 97
Jan. 4	David Cunningham,	
	For visiting home of Bertha Glover, one day	3 00
	horse and buggy, drive 23 miles	2 25
	dinner and supper, \$1.00; feed for horse, 25c	1 25
5	investigating case of Ines Stewart, one-half day:	
	railroad fare to Battle Creek, 40c; dinner, 50c	90
	street car fare at Battle Creek going and returning to residence	10
7	visit home of Lena Chapman, 1 day	3 00
	railroad fare from Marshall to Battle Creek and return	80
	dinner and supper at Battle Creek, \$1.00; street car fare, 10c	1 10
9	visit home of Ida Blackford, with E. Powell, 1 day	3 00
	railroad fare Marshall to Battle Creek and return	80
	dinner and supper at Battle Creek, \$1.00; car fare, 10c	1 10
10	visiting home of Eva M. Gregory, with M. Brown	3 00
	railroad fare Marshall to Tekonaha	70
	horse hire, drive 12 miles, \$1.50; dinner 50c	2 00
	railroad fare return from Tekonaha to Marshall	70
	supper at Homer on return	50
11	investigating home of Martha Kartin and seeking new home for her, one day	3 00
	railroad fare Marshall to Battle Creek and return	80
	dinner and supper at Battle Creek, \$1.00; car fare, 10c	1 10
12	investigating home of Geo. Miller, one day	3 00
13	visit home of James G. Williams, one day	3 00
	railroad fare Marshall to Battle Creek and return	80
	dinner and supper at Battle Creek	1 00
3	Edward Cornelius,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, act 185, laws of 1885:	
	investigating and advising with court in case of People vs. Duane Bardwell	2 00
	conveyance to and from Edenville	2 50
	cash paid for dinner at Edenville	25
	horse feed	25
Dec. 12	services and expenses relating to indenture, adoption, or visiting of child-	
	ren, by direction of the superintendent of the State Public School:	
	investigating and reporting on home of Philip H. Woodcock, applicant for	
	a boy	2 50
	conveyance to and from home of Woodcock	3 00
1898	investigating and reporting on home of Seloy Stokes, application for boy	2 50
Jan. 16	conveyance to and from Seloy Stokes	
17	Matilda E. Daglish,	
	For conveying Mary Jenkins from Bay City to State Industrial Home for Girls,	
	Adrian:	
	hack at Bay City	50
	railroad fare from Bay City to Adrian, self and girl	8 00
	dinner, Romulus	1 00
	hack at Adrian for conveyance to school	1 50
18	supper at Adrian	50
	lodging and breakfast at Adrian	1 00
	railroad fare on return to Bay City	4 30
	dinner at Jackson	50
	supper at Owosso	50
	two days' time @ \$3.00 per day	6 00
3	Warren Dempster,	
	For conveying Duane Bardwell from Edenville, Mich., to State Reform School,	
	Lansing, Mich.:	
	supper for the boy at my house in Edenville	25
	lodging	25
4	breakfast " " " " " "	25
	team from Edenville to Sanford Station on F. & P. M. E. R.	2 50
	railroad fare from Sanford to Midland, boy	25
	" " " " " " self	25
	dinner and supper at Oscar house, Midland, for boy	50
	" " " " " " self	50
	one day's services waiting at Midland for return of judge of probate	3 00
5	lodging at Oscar house for self and boy	50
	breakfast, dinner, supper and lodging at Oscar house for boy	1 00
	" " " " " " self	1 00
	one day waiting return of judge of probate	3 00
6	breakfast at Oscar house for boy and myself	50
	railroad fare for boy from Midland to Lansing	2 50
	" " " " " " self round trip to Lansing	4 75
	hack at Lansing	50
	supper, breakfast and lodging for self at Saginaw	1 00
	Amount carried forward	\$15,737 27

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1893.</i>		
	Amount brought forward	\$15,737 37
Jan. 6	Warren Dempster,	
	For one day's services going to Lansing and return as far as Saginaw	3 00
7	one day's services returning from Saginaw to Edenville	3 00
	dinner	25
5	Cornelius Diets,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School at Coldwater:	
	bus fare from home to depot	25
	railroad fare from Au Sable to Tawas City	45
	dinner at Tawas	50
	railroad fare from Tawas to Au Sable	45
	bus fare from depot home	25
	one day's services in visiting home of Percy Jones by direction of superintendent of State Public School at Coldwater	1 00
Sept. 24	W. B. Downer,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
Nov. 18	investigating home of Dan De Clute, an applicant for a child	3 00
	" " Gilbert Wright, applicant for child from State Public School	3 00
30	investigating home of H. J. Wood, applicant for child from State Public School	3 00
	postage and stationery	1 00
Dec. 22	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School, Lansing:	
	visiting and reporting on Louis Ferguson	3 00
Aug. 13	Thomas Dawson,	
	For investigating and expenses in connection with complaints against juvenile offenders under section 2, act 168, laws of 1885:	
	investigating case of Etta Singer, Mt. Clemens, charged with assault before E. J. Salsbury, justice of peace, 1 day	3 00
	horse and buggy to Lenox, \$1.00; car fare, Mt. Clemens and return, 90c	1 90
	dinner at Mt. Clemens	50
Sept. 12	inspecting jail at Mt. Clemens	3 00
	traveling charges as above, \$1.90; dinner, 50c	2 40
Oct. 7	investigating case of Paul Pitts of Utica, charged with assault and battery, before Seth K. Shetterly, justice of peace, 2 days	3 00
	traveling fare to Mt. Clemens and return	1 90
	livery to Utica and return	2 00
	dinner and horse feed at Utica	75
	supper at Mt. Clemens and bed	75
26	investigating case of Frank Dubay, charged with assault and battery, before W. E. Horton, justice of peace, 1 day	3 00
	livery and railroad fare to Mt. Clemens and return	1 90
	dinner	50
Dec. 8	investigating cases of Orre Stacey, Sylvester Peltier, Jas. Peltier, charged with petit larceny, before E. J. Salsbury, justice of the peace, Mt. Clemens, 1 day	3 00
	car fare and livery to Mt. Clemens and return	1 90
	dinner	50
Aug. 8	services and expenses relating to the indenture, adopting or visiting of children, by direction of the superintendent of the State Public School:	
	investigating homes of Jas. G. Wood, Wm. Teller, applicants for wards from State Public School	3 00
	horse and buggy to Lenox and return \$1, car fare to Mt. Clemens and return 90c	1 90
	livery at Mt. Clemens \$1.50, dinner 50c	2 00
July 21	investigating home Almanso Matthews, applicant for a boy from State Public School, 1 day	3 00
	horse and buggy and car fare, Mt. Clemens and return	1 90
	dinner 50c, livery from Mt. Clemens to his home and return \$1.50	2 00
Sept. 6	investigating home of F. J. Welding, applicant for a girl from State Public School, 1 day	3 00
	horse and buggy 15 miles	1 50
Dec. 16	visiting Chester Waite, living with Wm. Howe, and also investigated application of Mary Casidy, 1 day	3 00
22	horse and buggy 18 miles	1 50
	visiting Joseph Anderson, with Philo Widrig, and Thos. G. McKean, with Hiram Hilbourn.	
	I have charged only $\frac{1}{4}$ this day's expenses as I was doing work for Reform School half the day, hence $\frac{1}{4}$ day	1 50
	Amount carried forward	\$15,815 82

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$15,315 82
Dec. 22	Thomas Dawson,	
	For ¼ of train expenses, 95c; of livery, 50c; of hotel, 50c.	1 95
24	visiting Edward Hayes, with D. W. Dykeman; Alva L. Finch, with Almanson Matthews; Charrie Allen, with Augusta Walker, and also investigating application of Eugene Hantz, one day.	\$ 00
29	visiting Alex Smith, with Frank Bade, and Geo. Van Antwerp, with Gus. Bade, and home of Abbie Bennett, applicant, 1 day.	3 00
	livery, \$2.00; horse feed, 25c; dinner and supper, 50c; car fare, 25c.	\$ 00
30	visiting Pearl Hanson, with F. J. Welding; Adelbert W. Temple, with Mrs. Wm. Farr, one day.	\$ 00
	horse and buggy, \$1.50; dinner, 25c.	1 75
Oct. 26	services and expenses relating to indentures, adoption or visiting of children by direction of the superintendent of the Reform School: visiting Loren and Sylvester Pettier (wards of Reform School), living with parent, no charge made only board and livery; stopped over at Mt. Clemens after investigating case of assault and battery.	-----
27	visiting Geo. Baker (ward of Reform School) living with John Thool, and also Geo. W. Roth, an applicant for a child from Reform School, one day.	3 00
	one day with livery.	2 00
	hotel bill at Mt. Clemens.	1 50
Nov. 5	visiting Chas. Wagner with John A. Wolf and Walton Thompson with Ezra Barr (wards of H. S.).	3 00
	horse and buggy to Lenox and return, \$1.00; car fare Mt. Clemens and return, 90c.	1 90
	dinner, 50c; livery at Mt. Clemens, \$1.00.	1 50
Dec. 22	visiting Theodore Britton with Hy Havel and Henry LaFarge with parents ¼ day (I visited two wards of State Public School on same day and charged half to State Public School).	1 50
	¼ car fare, 45c; ¼ livery bill, \$1.00; ¼ hotel, 50c.	1 95
28	visiting Walter Thompson with Ezra Barr, and Frank Lemke with Chas. Dettrich, and also visited home of Wm. H. Rowley, applicant for a child from Reform School, one day.	\$ 00
	livery one day.	3 00
	hotel bill.	1 00
28	visit Eugene Knappen with Fred Kernan.	\$ 00
	horse and buggy to Lenox and return, \$1.00; car fare, Mt. Clemens and return, 90c.	1 90
	dinner.	50
Oct. 8	visit Theodore Britton with Henry Havel, and Henry LaFarge with his parents, one day.	3 00
	was at Mt. Clemens on the 7th investigating case of juvenile offenders and charged two fares in that bill; hotel bill.	1 50
1898	J. W. Finch,	
Jan. 14	For investigations and expenses in connection with complaints against juvenile offenders under section 2, act 168, laws of 1885: examination of August Willnow and William Durfee before Hon. G. W. Westerman.	3 00
17	Dr. R. E. Finch,	
	For expenses incurred in conveying Alice, Mary and Annie Colenell from Gladwin county to State Public School at Coldwater:	
	car fare for self from Gladwin to Lansing.	6 30
	one-half car fare for two children from Gladwin to Lansing.	3 00
	dinner for self and three children.	2 00
	car fare for self from Lansing to Jackson.	1 10
	one-half car fare for two children from Lansing to Jackson.	1 10
	" " " " Jackson to Coldwater.	1 30
	car fare for self from Jackson to Coldwater.	1 30
	supper and lodging for self and three children.	4 00
	bus fare for self and three children.	1 00
18	breakfast for self.	50
	bus to and from depot to State Public School twice.	2 00
	dinner, supper and lodging, self.	2 00
	car fare from Coldwater to Lansing.	2 30
	car and bus fare at Saginaw.	1 50
	breakfast, dinner and supper.	1 50
11	James Gillespie,	
	For expenses incurred in conveying Susan Coleman, John Loeke and Bertie Tenksburg from Wayne county to State Public School at Coldwater:	
	railroad fare from county house to Ypsilanti.	90
	" " " Ypsilanti to Hillsdale.	3 75
	" " " Hillsdale to Coldwater.	1 40
	dinner at Hillsdale for four of us.	1 80
	Amount carried forward	\$15,904 72

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$15,904 72
Jan. 11	James Gillespie,	
	For hack hire to School.....	1 00
12	hotel bill at Coldwater.....	1 50
	fare from Coldwater to Hillsdale	70
	dinner at Hillsdale.....	50
	supper	50
	fare from Hillsdale to Ypsilanti.....	1 85
	Ypsilanti to county house.....	45
Dec. 21	J. S. Hilton,	
	For conveying Otto Theimer from Monroe to State Reform School, Lansing:	
	hack at Monroe.....	50
	railroad fare for prisoner.....	2 40
	self to and from Lansing.....	6 30
	dinner for 2 at Lansing.....	1 00
22	supper, lodging and breakfast at Lansing.....	1 50
	dinner at Detroit.....	50
19	2 days' services for self @ \$3 per day.....	6 00
	W. B. Horton,	
	For conveying W. M. Baldwin to the Reform School:	
	2 bus fares to depot at Manistee.....	50
	ticket to Lansing.....	5 05
	" " and return.....	9 10
	lunch at Grand Rapids.....	50
	2 bus fares at Lansing to School.....	50
	1 bus fare back to depot.....	25
	bus Grand Rapids, depot to hotel.....	25
20	supper and lodging.....	1 00
	breakfast.....	50
	bus to depot.....	25
	2 days' services.....	6 00
Nov. 29	Investigations and expenses in connection with complaints against juvenile offenders under section 2, act 163, laws 1896:	
	Francis G. Keeley, disorderly, before D. S. Harley, justice of the peace.....	3 00
	dinner.....	25
Dec. 1	Willard Thompson, disorderly, before H. Y. Nelson, justice of the peace;	
	Alfred Johnson, disorderly, before H. Y. Nelson, justice of the peace;	
	Ralph Nelson, disorderly, before H. Y. Nelson, justice of the peace.....	3 00
	dinner.....	25
15	William Baldwin, larceny, before A. Chubb, justice of the peace.....	3 00
	railroad fare Manistee to Copemish and return.....	1 65
16	breakfast and dinner.....	50
	railroad fare Manistee to Copemish and return.....	1 65
	breakfast and dinner.....	50
Oct. 15	Levi T. Hull,	
	For investigations and expenses in connection with complaints against Juvenile offenders under sec. 2 Act 168 laws of 1896:	
	investigating charge of assault and battery against Minnie Wilson and	
	Tillie Banks before P. H. Phillips, justice of the peace at Sturgis.....	3 00
	car fare, 26 miles.....	70
Dec. 7	livery, 8 miles.....	1 00
	investigating charge of larceny against Clyde Blood and Henry Blood,	
Oct. 14	before Thomas Harrison at Constantine.....	3 00
	services and expenses relating to the indenture, adoption or visiting children by direction of the superintendent of the State Public School:	
	investigating home of Henry Seals in Fawn River township, an applicant	
	for child from State Public School.....	3 00
	livery, 20 miles.....	2 00
	car fare, 26 miles.....	70
Dec. 15	hotel for dinner.....	25
	visit and report on Dennis Sullivan, living with Geo. Argus, at Sturgis.....	3 00
	car fare 32 miles.....	90
16	hotel, dinner.....	25
	visit and report on home of Minerva Van Woert, an applicant for a child	
	from State Public School and upon Charles Oram living with Jerry Kline	
	in Burr Oak.....	3 00
	livery 16 miles.....	1 50
	car fare 36 miles.....	95
17	hotel dinner.....	25
	visit and report on Harriet Gray living with John Stamp; H. A. Bristol,	
	living with Joe. Uitz, and H. W. Evarts, living with Philip Everhard in	
	township of Colon.....	3 00
	livery, 18 miles.....	1 50
	Amount carried forward	\$15,996 92

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$15,996 92
Dec. 17	Levi T. Hall, For car fare 36 miles	95
	hotel, dinner	25
19	visit and report upon Earl W. Smith, living with Wm. Frays, in Sherman township	3 00
	livery 17 miles	1 50
Sept. 13	G. R. Hurd, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School: investigating the home and surroundings of Walter Shepper: horse and buggy	1 50
	Allen Keen, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating home of Fred Walsh, distance traveled, 25 miles, livery, \$2.00: horse feed, 50c; dinner, 25c; fees, \$3.00	5 75
Dec. 29	Thomas Keys, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School, Lansing: investigating home of W. H. Allen, an applicant for a boy from the Reform School: visiting James H. Remohr (a ward of the Reform School), living with S. F. Davis: livery to drive out 22 miles and back	3 50
	dinner at Portland	50
	team fed at Portland	50
18	visiting Walter Quartermas (a ward of the State Reform School), living with M. Y. Prall: car fare to Belding and return	90
	dinner at Belding	50
Jan. 5	visiting Walter Quartermas (a ward of the State Reform School), living with M. Y. Prall, second time, not at home the first time, one day	3 00
	paid car fare to Belding and return	90
	dinner at Belding	50
10	visiting Charles Palmer, a ward of the Reform School, living with his parents, one day	3 00
	paid car fare to Belding and return	90
	dinner at Belding	50
3	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating the homes of William Robinson and John Shilton, applicants for children from the State Public School, one day	3 00
	paid livery to drive 14 miles out and back	3 00
	driver at Lake Odessa	85
	team fed at Lake Odessa	50
Dec. 27	A. W. Mochler, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating the home of J. W. Decker, an applicant for a ward of State Public School; livery, 36 miles, \$1.50; dinner, self, 25c; horse feed, 25c	2 00
Jan. 2	Loren Wood, 1 day, \$3.00; livery, 38 miles, \$1.50; horse feed, 50c	5 00
8	Sherman Clark, 1 day, \$3.00; livery, 28 miles, \$1.50	4 50
5	Emile Schwanz, 1/4 day	1 50
6	Clara Weffer, 1 day, \$3.00; livery, 26 miles, \$1.50; hotel bill, 75c	5 25
	Percy Miller, Etva C. Tyler, 1 day, \$3.00; livery, 29 miles, \$1.50	4 50
7	Ethel Miller and Archie Miller, same day	
9	Henry Nichols, 1 day, \$3.00; livery, 23 miles, \$1.50	4 50
15	going after Nora Bell Seeley, one day	3 00
	livery (36 miles)	1 50
16	taking Nora Bell Seeley to Kalamazoo to meet Mrs. Wieand, one day, livery (28 miles)	1 50
	dinner, self and girl, and horse feed	75
	telephoning Mrs. Wieand	30
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School: investigating the home of Mrs. Slocum, an applicant for the release of her boy from the Reform School, one day, \$3.00; railroad fare from Paw Paw to South Haven and return, \$2.00; hotel bill, \$1.00	6 00
13	visiting Eugene Comley (a ward of Reform School), living with Mrs. Dr. Dillon, one day \$3.00; livery (28 miles), \$1.50; dinner, self, 50c; horse feed 25c	5 25
10, 11	visiting Harry Fairbanks, a ward of Reform School, living with his parents, one day, \$3.00; livery 28 miles, \$1.50; hotel bills on acc't of storm, \$1.50	6 00
	Amount carried forward	\$16,062 97

Date.	Items.	Amount.
	<i>Allowed January 25, 1893.</i>	
	Amount brought forward.....	\$18,082 97
Apr. 27	Geo. P. McMahon, For investigations and expenses in connection with complaints against juvenile offenders under sec. 2, Act 168, laws of 1885:	
	inspection of county jail.....	3 00
Oct. 15	attending examination of Jay Buchanan.....	3 00
26	" " " Victor La Bar.....	3 00
28	" " " ".....	3 00
1893.	" " " Daniel Winters.....	3 00
Jan. 4	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
1892	inspecting home of J. D. Smith.....	3 00
Sept. 13	horse and buggy.....	1 50
21	inspecting home of E. C. Walker.....	3 00
	horse and buggy.....	2 00
23	visit to Rich. Sanson, home Beth Veeder.....	3 00
	horse and buggy.....	2 00
Jan. 4	Albert Miller, For investigations and expenses in connection with complaints against juvenile offenders under section 2, Act 168, laws of 1885:	
	investigating case of Lily Clark.....	3 00
	expenses—hack fare.....	50
14	investigating case of Mary Jenkins.....	3 00
	expenses—hack fare West Bay City.....	1 00
19	stationery and postage to date, 18 letters @ 3c.....	54
	services and expenses relating to the indenture, adoption or visiting of children by direction of superintendent of the State Public School:	
Dec. 17	visiting Louis Drexel, a ward of the State living with J. N. Ferguson and adjusting settlements between guardian and ward.....	3 00
	expenses—hack and car fare.....	60
1893		
Jan. 3	visiting and reporting condition of the home of Lann Phillips, an applicant for a ward of the State from the State Public School.....	3 00
	expenses—hack hire, 25 miles' travel.....	3 00
	services and expenses relating to the indenture, adoption, or visiting of chil- dren by direction of the superintendent of the Reform School:	
6	visiting and reporting condition of Willie Greenbird, on leave of absence from the Reform School.....	3 00
	hack fare at Bay City.....	50
	railroad fare to and from Pinconning.....	1 00
	livery hire at Pinconning.....	1 00
	dinner at Pinconning.....	25
7	visiting and reporting condition of Denny La Formier, on leave of absence from Reform School.....	3 00
	hack hire, West Bay City.....	1 00
9	visiting home and reporting condition of Thomas Murphy, on leave of absence.....	3 00
	hack hire, West Bay City.....	1 00
16	visiting home and reporting condition of John Richards, on leave of absence.....	3 00
	hack hire, Banks.....	1 00
17	visiting and investigating home of N. C. Johnson, with a view of placing his grandson, Seger Christian, from the Reform School, therein.....	3 00
	hack hire, West Bay City.....	1 00
10	visiting home and reporting condition of Earl Adams, on leave of absence hack hire, South Bay City.....	3 00
3	1 00	
	Martin Miller, For investigating the house of John Ward, an applicant for a ward of the State Public School.....	3 00
	livery in above case, 30 miles.....	2 00
	dinner for self, 25c; horse feed, 25c.....	50
10	visiting home of Stella Crepe, a ward of the State Public School, living with M. F. Goodkin.....	3 00
	car fare to Henderson and return.....	40
	supper for self.....	35
	postage and stationery for one year and five months.....	5 40
	services and expenses relating to the indenture adoption or visiting of children by direction of the superintendent of the Reform School:	
Nov. 22	visiting Willie Godfrey, a ward of the Reform School, living with J. Leath- erman.....	
	livery in the above case, 7 miles.....	1 00
	Amount carried forward.....	\$18,171 51

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1898.</i>		
	Amount brought forward.....	\$16,171 51
1898	Martin Miller,	
Jan. 4	For visiting Robert Bourke, a ward of the Reform School, living with John Conley.....	3 00
	car fare to Finishing and return.....	1 70
	livery, 16 miles in the above case.....	1 50
	supper for self.....	25
5	visiting Ebon L. Carter, a ward of the Reform School living with Allen Beard.....	3 00
	car fare to Morrice and return.....	1 25
	livery in above case, 9 miles.....	1 00
	dinner and supper for self.....	65
7	looking for home for Frank Thomas, a ward of the State Reform School.....	3 00
	livery in the above case, 25 miles.....	2 00
	dinner for self, 25c; horse feed, 25c.....	50
9	visiting Willie Godfrey, a ward of the Reform School, living with J. Leath-erman.....	3 00
	livery in the above case, 5 miles.....	1 00
Dec. 28	Ans W. Meach,	
	For expenses incurred in conveying George Hunter from Kent county to State Public School at Coldwater:	
	1 ticket to Coldwater.....	3 25
	2 dinners at White Pigeon.....	75
	hack at Coldwater.....	1 00
	supper at Coldwater.....	25
	ticket from Coldwater. Grand Rapids.....	3 25
	hack at Grand Rapids.....	75
Jan. 10	C. A. Merrell,	
	For expenses incurred in conveying Wm. Reddington from Kalamazoo county to State Public School at Coldwater:	
	railroad fare from Kalamazoo to Coldwater.....	1 80
	lunch for self and child.....	40
	carriage from depot to State Public School.....	75
11	hotel, supper, breakfast and lodging.....	1 50
	railroad fare, Coldwater to Kalamazoo.....	1 80
8	John O'Gorman,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting the homes of William King and Hiram B. Green of Bridgeport, who have wards from the State Public School:	
	paid out for livery hire, 17 miles.....	2 50
	" " toll.....	25
	" " at Bridgeport for self and horse.....	50
	1 day spent.....	3 00
6	investigating the home of Mrs. Patrick Phillips of Richland township, who is an applicant for a ward from the State Public School:	
	hack fare at Saginaw.....	50
	railroad fare from Saginaw to Hemlock.....	45
	paid out for livery rig (7 miles).....	1 00
	" " dinner at Hemlock.....	35
	" " return railroad fare to Saginaw.....	45
	" " hack fare on return.....	25
	one day spent.....	3 00
3.	investigations and expenses in connection with complaints against juvenile offenders under sec. 2, Act 183, Laws of 1885:	
	investigating case of Albert Katz, charged with larceny, before Otto Stemp-ell, police judge, one day.....	3 00
	paid out for dinner at same.....	30
4	case of James Cushtway, charged with larceny, before Stempell, justice of the peace, one day.....	3 00
7	case of Edward Elbert, charged with larceny, before Stempell, justice of the peace, one day.....	3 00
9	case of Geo. Leyerer, charged with larceny, before Stempell, justice of the peace, one day.....	3 00
	dinner for same.....	50
11	case of Joseph Niheart, charged with larceny, before justice of the peace, one day.....	3 00
	case of Peter Laclebouché, charged with larceny, before Stempell, justice of the peace, one day.....	3 00
13	case of George Murphy, charged with larceny, before Stempell, P. J., 1 day.....	3 00
14	case of Edward Ladibon, charged with larceny before Stempell, P. J., 1 day.....	3 00
16	case of Haylon Jacobs, charged with larceny before Stempell, P. J., 1 day.....	3 00
17	case of James Niheart, charged with larceny before Stempell, P. J., 1 day.....	3 00
	Amount carried forward.....	\$16,252 12

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1893.</i>		
	Amount brought forward.....	\$16,252 12
Jan. 18	John O'Gorman,	
	For case of Henry Trombley, charged with larceny before P. J., 1 day	3 00
16	paid out for dinner for same	50
	case of Colin Campbell, charged with truancy before Stempell, P. J., 1 day	3 00
2	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: visiting the home of Edwin Perkins (a ward of the State Public School) living with William M. Martin	3 00
	livery in above case	3 00
10	dinner at Evert house	50
	conveying Albert Katz from Saginaw to State Reform School at Lansing: hack fare at Saginaw	50
	railroad fare to Lansing for myself and boy	3 70
	hack fare at Lansing	50
	dinner at Lansing	25
	supper at Lansing depot	50
	return fare to Saginaw	1 85
	hack fare at Saginaw on return	50
	services from 5 o'clock a. m. until 10:30 p. m., one day and a half	4 50
Dec. 31	S. H. Preston,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting James Mahoney, Luke Madden and Henry McLeod, Lansing	1 00
	carriage	50
1893		3 00
Jan 3	visiting Jeston R. Gillet, living with James Burns, Mason	65
	ticket to Mason and return	85
	dinner at Mason	3 00
4	visiting Edward Fitzgerald, Lansing	3 00
12	visiting homes of Wm. Dunlap, Gillet Jones, Webberville	1 20
	tickets to Webberville and return	1 00
	carriage to Dunlap and Jones	25
5	dinner at Webberville	3 00
	visiting the home of Van R. Cheney, Lansing	50
	carriage	3 00
6	visiting home of A. M. Proctor, Okemos	1 50
	carriage to Proctor's	3 00
7	visiting home of V. M. Randall, Dimondale	1 50
	carriage to Randall	3 00
9	visiting home of Mr. Brady and Mrs. Owens, Lansing	50
	carriage	3 00
10	visiting home of Mrs. A. T. Gray, Williamston	90
	ticket to Williamston and return	1 50
11	carriage to Gray's \$1, dinner at Williamston 50c	3 00
	visiting home of Edwin Wilcox and E. W. Clark, Leroy	90
	ticket to Williamston and return	1 00
14	carriage to Wilcox	3 00
	visiting home of A. W. Alchin, Leroy	1 20
	tickets to Webberville and return	1 00
	carriage to Alchin's	25
16	dinner at Webberville	3 00
	visiting home of J. A. Eichler, Lansing	50
	carriage	3 00
17	visiting home of F. L. Hurlburt, Lansing	50
	visiting home of Mrs. S. M. Place	3 00
	carriage	3 00
2	investigating home of Harriet Kendall of Wheatfield	65
	tickets to Mason and return	1 50
	carriage, Mason to Kendall's, nine miles	35
	dinner at Mason	10
18	car fare at Lansing	3 00
	investigating home of Mrs. Geo. Monroe, North Lansing	50
	carriage	1 80
Nov. 1	Alanson Partridge,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School at Lansing: visiting Charles DeLong, a ward of Reform School, living with Frank Cuthert, one day	3 00
	livery in above case, 40 miles including return	2 50
	Amount carried forward	\$16,349 02

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$16,349 02
Oct. 10	Alanson Partridge, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, Laws of 1885:	
	investigating case of John Hagerman, charged with malicious injury to a dwelling before John B. Matthews, justice of the peace, case of nolle prosequo	3 00
	car fare to Pontiac and return	1 00
27	investigating case of George Braymoss, charged with assault and battery before Major G. Jones, justice of the peace, trial by jury, prisoner discharged	3 00
Nov. 15	investigating case of Harry Ostrander, charged with larceny before John B. Matthews, justice of the peace, trial by jury, prisoner discharged	3 00
	car fare to Pontiac and return twice	1 00
	dinner and supper at Hodges house, Pontiac	1 00
Dec. 21	investigating case of Richard Brown, charged with vagrancy before Samuel E. Beach, justice of the peace, convicted and sent to Reform School at Lansing	3 00
	car fare to Pontiac and return	50
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
Oct. 18	visiting home of Edward Snyder an applicant for child from State Public school, one day	3 00
	livery in above case, 20 miles and return	2 00
Nov. 19	visiting Jennie Boyce, a ward of the State Public School, living with G. Parish, one day	3 00
	car fare to South Lyons and return	1 80
	dinner and supper at Whipple house, South Lyons	75
35	visiting Lucy Myers, a ward of the State Public School, living with B. C. Moore, one day	3 00
	car fare to Oxford and return	1 25
	dinner at Hodges House	50
26	visiting William W. Malone, a ward of the State Public School, living with Fred Oasis, one day	3 00
	car fare to Clyde and return	2 00
	dinner and supper at Holly and Clyde	75
Dec. 17	visiting Carrie Jacobs, a ward of the State Public School, living with Mrs. Edwin Miller, one day	3 00
	livery in the above case, six miles	1 00
29	visiting Lillie S. Hayes, a ward of the State Public School, living with Mrs. John A. Stewart, one day	3 00
	livery in above case	1 00
	Chas. D. Peterhans, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School at Lansing:	
29, 30	visiting home of Chas. Thompson of Wisner, one day (56 miles)	3 00
	livery for same	3 00
	horse feed	20
	board for self	50
1898		
Jan. 3	visiting home of Willie Beaman, one-half day	1 50
Oct. 5	Amos Rosenbery, For conveying Byron Burnham from Marion to State Reform School, Lansing:	
	railroad fare from Marion to Reed City for prisoner	1 45
	railroad fare for self to Reed City	1 45
	dinner for self and prisoner at Cadillac	1 00
6	railroad fare for prisoner from Reed City to Lansing	3 25
	railroad fare for self to Lansing and return	6 50
	hotel bill at Lansing	1 50
	dinner at Howard City	50
	two days' time	6 00
May 8	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885, in case of people of the State of Michigan vs. Gertrude Jenks:	
	railroad fare to Evert and return	80
	dinner and supper at Evert	1 00
	fees	3 00
Oct. 10	inspecting jail, one day	3 00
	railroad to Hersey and return	20
	dinner in Hersey	50
24	Byron Burnham arrested, railroad, to Marion and return	3 80
	supper, lodging and breakfast at Marion	1 50
	dinner at Cadillac	50
	fees	3 00
	Amount carried forward	\$16,440 13

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$16,440 13
Dec. 17	H. C. Smith: For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: investigating case of Bartollo Carollo, convicted of larceny December 20.... livery.....	3 00 1 50
Jan. 7	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School: investigating case of H. Brandel at request of Superintendent Wood of Reform School.....	3 00
Dec. 21-22	Levi Sparks, For conveying Laura Tryon from Benton Harbor to State Industrial Home for Girls and return, two days..... railroad fare self and girl to Adrian..... dinner at Elkhart for self and girl..... bus fare from Adrian to Industrial Home..... supper, 50c; lodging, 50c; breakfast, 50c at Adrian..... railroad fare from Adrian to Fairland for self..... dinner at Elkhart.....	6 00 9 60 75 1 00 1 50 4 45 50
16	investigations and expenses in connection with complaints against juvenile offenders under Section 2, Act 168, laws of 1885: investigating case of Eddie Harper, charged with truancy before W. G. Lampport, justice of the peace: car fare to Benton Harbor and return..... dinner at Benton Harbor.....	1 00 50
17	investigating case of Laura Tryon, charged with truancy and disorderly conduct before M. G. Lampport, justice of the peace: car fare to Benton Harbor and return..... dinner at " "..... supper " ".....	1 00 50 50
	investigating case of Amos J. Farling, charged with malicious destruction of property before L. P. Alexander, justice of the peace: livery to Buchanan and return..... horse fed at Buchanan..... dinner at Buchanan.....	1 00 25 25
Oct. 5	Tracy L. Towner: For investigations and expenses in connection with complaint against juvenile offenders, under Section 2, Act 168, laws of 1885: investigating case of William H. Smith and Frank Collins, charged with larceny, before F. P. Bogardus, justice of the peace, 1 day.....	3 00
31	investigating case of William Lappent, charged with larceny, before F. P. Bogardus, justice of the peace, 1 day.....	3 00
Nov. 29	investigating case of Wm. Schall, charged with truancy, before N. G. Both, justice of the peace, 1 day..... fare to Ann Arbor and return.....	3 00 30
Dec. 8	investigating case of William Hagadorn, charged with larceny, before W. P. Beach, justice of the peace, 1 day.....	3 00
21	investigating case of Edward Coleman, charged with larceny, before W. P. Beach, justice of the peace, 1 day.....	1 00
Nov. 2	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: investigating case of Walter Cook who ran away from Chippewa county home, 1 day.....	3 00
8	investigating home of James A. Geraghty, applicant for child from State Public School, 1 day..... livery hire.....	3 00 1 50
10	investigating home of Mrs. Elizabeth Fletcher, applicant for a child from State Public School..... livery hire.....	3 00 1 50
23	investigating home of Wilfred Eames, applicant for child from State Public School, 1 day..... fare, Ann Arbor and return.....	3 00 30
Dec. 22	conveying Edward Coleman from Ypsilanti, Mich., to State Reform School for Boys, Lansing, Mich.: railroad fare for self, Ypsilanti to Lansing..... " " " Ed. Coleman, Ypsilanti to Lansing..... dinner at Lansing..... railroad fare for self, Lansing to Ypsilanti..... supper at Jackson..... fee, 1 1/2 days.....	2 15 2 15 50 2 15 50 4 50
Jan. 2	Geo. H. Turner: For conveying Michael Kennedy, arrested for larceny of caps, from Durand to State Reform School, Lansing: car fare for self, Flint to Lansing and return.....	2 00
	Amount carried forward	\$16,518 97

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward.....	\$16,518 97
Jan. 2	Geo. H. Turner,	
	For car fare for Michael Kennedy from Durand to Lansing.....	63
	bus fare from depot to school.....	75
	meals at the Downey House and restaurant.....	75
	agent's fee, one day.....	3 00
Dec. 29	Thomas J. Toas.	
	For conveying Frank Phillips from Grand Ledge to State Reform School,	
	Lansing:	
	livery rig.....	1 50
	horse feed, 25c; supper for self, 25c.....	50
	one day's work.....	3 00
7	Edward Taylor,	
	For services and expenses relating to the indenture, adoption of children, by	
	direction of the superintendent of the State Public School:	
	visiting Mrs. Huntley, city, for girl's clothes, conveyance, 3 miles.....	1 00
13	visiting Mrs. Stevens, Hanover, car fare to Hanover and return.....	90
	travel 7 miles, conveyance.....	1 50
	dinner and supper.....	70
16	hunting for Hiram Keiff, travel 20 miles conveyance.....	2 00
	dinner and supper.....	70
29	telephone for Hiram Keiff.....	25
	hunting for Hiram Keiff, travel 16 miles, conveyance.....	3 00
	dinner and supper.....	50
Jan. 2	visiting Willie Batterby, one day's services.....	3 00
	travel 6 or 7 miles, conveyance.....	1 50
	supper.....	25
	investigating home of Merchant Kelly for Hiram Keiff, travel 14 miles, con-	
	veyance.....	2 00
	dinner and supper.....	70
7	visiting Mary Ann O'Connor at Woodville, services one day.....	3 00
	travel 10 miles, conveyance.....	1 50
	dinner.....	25
9	visiting Ida Weaver, city, one day's services.....	1 00
	travel 4 miles, conveyance.....	3 00
10	investigating home of Nelson Slocum, Spring Harbor, one day's services.....	2 50
	travel 20 miles, conveyance.....	80
	dinner and supper.....	3 00
11	investigating home of Mrs. Weymouth, city, one day's services.....	1 00
	travel 4 miles, conveyance.....	3 00
12	investigating home of J. E. Short and visited Sam Spears, one day's services	
	dinner, supper, lodging and breakfast.....	1 50
	travel 11 miles, conveyance.....	2 00
13	investigating home of Plyn Griffith, one day.....	3 00
	travel 16 miles, conveyance.....	2 00
	dinner and supper.....	70
14	visiting Ida May Rorton in Blackman.....	3 00
	travel 12 miles, conveyance.....	2 00
	dinner and supper.....	50
16	visiting Perry Rose, city.....	3 00
	conveyance, travel 3 miles.....	50
17	visiting Clarence Smith, city.....	3 00
Dec. 5	services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the Reform School:	
	transferred James Adams from Lewis to Roberson—conveyance, travel 24	
	miles.....	2 50
	dinner and supper.....	50
12	visiting Dan Leary in city—travel 4 miles, conveyance.....	1 00
1898		
Jan. 3	visiting James Adams in Columbia—travel 10 miles, conveyance.....	2 00
	1 day's services.....	3 00
	dinner and supper.....	50
4	visiting Milton Kime—lodging and breakfast.....	1 00
5	" Sager Christian—1 day's services.....	3 00
	dinner and supper.....	70
	travel to above 2—14 miles, conveyance.....	2 00
6	visiting Daniel Lindsay, 1 day's services.....	3 00
	travel 16 miles, conveyance.....	2 00
	dinner and supper.....	70
9	visiting James Toole in city, 1 day's services.....	3 00
	2 trips, 8 miles' travel, conveyance.....	1 00
	supper.....	50
12	visiting Henry Brown, city, conveyance 3 miles.....	50
	1 day's services.....	3 00
	Amount carried forward.....	\$16,616 27

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed January 25, 1898.</i>		
	Amount brought forward	\$16,616 27
Jan. 16	Edward Taylor,	
	For dinner	50
18	visiting Geo. Osterlee, city	3 00
	travel 3 miles, conveyance	50
20	visiting William Leslie and John Lunnwin, Leon	3 00
	travel 16 miles, conveyance \$2; dinner and supper 75c	2 75
16	David Walkinshaw,	
	For conveying Samuel O. Harrison from Marshall to State Reform School:	
	railroad fare for self and boy	2 90
	hack at Lansing	50
	dinner at Lansing	25
	supper at Jackson	50
	fare on return trip for self	1 42
	one day's time for self	3 00
June 29	Geo. W. Woodward,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Public School:	
	visiting the home of Asa M. Prindle to report on situation of Elisabeth	
	Niquet and on the same day the home of E. M. Matthews in interest of	
	Edith Pegg, one day	3 00
	railroad fare to Mears and return	50
	livery hire, travel 6 miles	75
	dinner at Mears house	25
30	visiting home of Willets Graham in interest of Roxie Ann McMurphy, one	
	day	3 00
	livery hire, 12 miles travel	1 50
Aug. 6	visiting home of George C. Thompson to look after and report upon condi-	
	tion of Thos. Miller, one day	3 00
	team hire, travel 14 miles	1 25
Sept. 6	visiting homes of A. W. Cherry of Hart and Wm. Hale to look after Jacob	
	Gleason and Leonard Wager and report, same day	3 00
	horse feed	25
	dinner for self at Wigton	25
Dec. 5-6	looking up Leonard Wager reported having left his home, one day	3 00
	railroad fare to Hart and return	60
	two meals and lodging at Wigton house	75
Aug. 4	investigations and expenses in connection with complaints against juvenile	
	offenders under sec. 2, Act 168, Laws of 1885:	
	attending examination of Emma Burmlester, order of A. E. Souter	3 00
	paid livery hire, traveling 14 miles to investigate Emma Burmlester's stand-	
	ing, reputation and antecedent	1 50
Sept. 26	visiting county jail, notice from probate judge	3 00
	railroad fare and return	60
	dinner at Wigton House	25
Jan. 18	Daniel Walters,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under sec. 2, Act 168, Laws of 1885:	
	postage, 84c, and stationery, 30c, from June 10, 1892 to Jan. 19, 1893, inclusive	
5	services and expenses relating to the indenture, adoption or visiting of	1 14
	children by direction of the superintendent of the Reform School, Lan-	
	sing:	
	visiting home of Willie Matthews of Hamlin, living with grand parents	3 00
	livery 4 miles	1 00
8	visiting home of Joseph White of Charlesworth, with Marcus Benson	3 00
	livery	1 25
9	investigating home of Lewis Dell, Charlotte	3 00
	railroad fare to Charlotte	30
	dinner	50
	railroad return to Eaton Rapids	30
12	visiting home of Guy Farnham from Charlotte now Battle Creek	3 00
	railroad fare from Eaton Rapids to Charlotte	30
	railroad fare, Charlotte to Battle Creek and return	1 08
	hack at Battle Creek	25
	dinner at Battle Creek	50
	bus at Charlotte	50
	supper at Charlotte	50
	railroad fare from Charlotte to Eaton Rapids	30
11	visiting home of Ernest Wright of Eaton Rapids township	3 00
	livery, 5 miles in country	1 00
	services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Public School:	
2	visiting Bertha Gearhart, living with Frank H. Parker of Hamlin town-	
	ship	3 00
	livery in country	1 00
	Amount carried forward	\$16,691 97

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$16,061 97
Jan. 4	Daniel Walters, For visiting Maude E. Cole, living at home of Thomas Wood of Eaton Rapids township.....	3 00
	livery in country.....	1 00
6	visiting Mary E. Cleveland, living at home of Alfor E. Peck of Mulliken, Roxand township.....	3 00
	railroad fare, Eaton Rapids to Lansing.....	50
	" " Lansing to Mulliken.....	60
	livery in country.....	1 00
	fare from Mulliken to Lansing on railroad.....	60
	supper, breakfast and lodging at Lansing.....	1 50
	railroad fare from Lansing to Eaton Rapids.....	50
7	street car fare, Lansing.....	10
	visiting Etta and Dell Udell, living at home of L. H. Turner, Charlotte.....	3 00
	railroad fare from Eaton Rapids to Charlotte and return.....	55
	dinner.....	50
10	visiting Geo. C. Limebeck, living at home of D. G. Bowen of Kalamo township.....	3 00
	railroad fare from Eaton Rapids to Charlotte and return.....	55
	dinner at Kalamo for horse and self.....	50
	livery, 13 miles in country.....	2 00
	dinner at Mulliken.....	25
18	visiting home of John Carey, living with H. L. Carrier, in Brookfield, ward from State school.....	3 00
	livery, 11 miles in country.....	2 00
14	visiting Charley Boady, living at the home of Matthew Cats, in Charlotte (ward from State Public School).....	3 00
	railroad fare from Eaton Rapids to Charlotte and return.....	55
	supper at Charlotte.....	25
16	visiting home of Fred McLaughlin, living at home of Wesley Fay, in Sunfield.....	3 00
	railroad fare, Eaton Rapids to Vermontville and return.....	1 20
	back.....	25
	dinner.....	40
17	livery, 7 miles in country.....	1 00
	visiting home of Edward Gones, living with Theodore Davis, of Bellevue (ward from State Public School).....	3 00
	railroad, from Eaton Rapids to Charlotte and return.....	55
	" " Charlotte to Bellevue.....	52
	dinner at Bellevue.....	40
18	livery in country.....	1 00
	visiting home of Mabel Eldrid, living with David Clorese, Olivet.....	3 00
	railroad fare from Eaton Rapids to Charlotte and return.....	55
	" " Charlotte to Olivet and return.....	32
	bns, Olivet.....	50
	dinner, Olivet, 25c; supper, Charlotte, 25c.....	50
7	Chas. H. Waterloo,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School:	
	visiting home Mr. Sibilla, 802 Griswold street, Port Huron.....	1 50
10	A. D. Wyman,	
	For conveying Lilly Clark from Bay City to State Industrial Home for Girls at Adrian:	
	back at Bay City.....	50
	railroad fare from Bay City to Adrian for self and girl.....	8 60
	dinner at Romulus.....	1 00
	back at Adrian for conveyance to school.....	1 50
	supper at Adrian.....	50
11	lodging and breakfast at Adrian.....	1 00
	railroad fare on return to Bay City.....	4 30
	dinner at Jackson.....	50
	supper at Owosso.....	50
	2 days' time @ \$3.00 per day.....	6 00
	<i>Allowed February 23, 1898.</i>	
	University Hospital,	
	For board and expenses in University hospital in the case of Dennis Cagle, Ida Evans, Chas. Stewart, Phillip Treat, Cyril Meannot:	
	Dennis Cagle, board Dec. 7 to Dec. 10, 1893, 3 days @ 1.25.....	3 75
	Ida Evans, " " " 10, 1892, " @ 1.25.....	3 75
	Cyril Meannot, " " " 10, 1893, " @ 1.25.....	3 75
	Chas. Stewart " " " Jan. 14, 1893, 5 2-7 weeks @ \$5 00.....	27 16
	Phillip Treat " " " 14, 1893, " @ 5.00.....	27 16
	washing for above.....	1 19
	Amount carried forward.....	\$16,791 87

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1893.</i>		
1892 Dec. 7	Amount brought forward	\$16,791 87
	W. H. Wileand, For expenses of transportation in the case of Ida Evans, Philip Treat, Chas. Stewart, Cyril Meanot, and Dennis Cagle: railroad fare of above children from Coldwater to Ann Arbor. 2 full fare tickets.....	5 00
10	hack Ann Arbor depot to Hospital.....	1 00
	" " hospital to depot.....	1 00
	railroad fare, Ida Evans, Cyril Meanot, and Dennis Cagle, from Ann Arbor to Coldwater, 3 $\frac{1}{2}$ fare tickets.....	3 75
1893 Jan. 14	railroad fares, Chas. Stewart, Ann Arbor to Jackson and Jackson to Coldwater.....	1 25
	hack Ann Arbor, 25c; Coldwater, 25c.....	50
	dinner and supper at Jackson.....	50
	hack in Ann Arbor and Jackson for Phillip Treat.....	50
	hotel in Jackson.....	50
9	F. P. Blaine, For expenses incurred in conveying Chas. Franklin Fike, LeRoy Fike, and Verdie May Gleason from Allegan county to State Public School at Coldwater: transportation from poor house to Allegan depot.....	1 50
	railroad fare, superintendent and two children to Coldwater.....	2 55
	half fare Verden May Gleason.....	1 25
	meals at White Pigeon.....	2 00
	bus fare at Coldwater.....	1 00
	supper at Coldwater.....	50
	railroad fare from Coldwater to Allegan.....	2 55
10	lodging and breakfast at White Pigeon.....	1 00
	team from Allegan to poor house.....	1 50
25	George W. Butcher, For conveying Cecil L. Lewis from Fenton and Flint to State Reform School: railroad fare from Fenton to Flint, self and boy.....	1 68
	hack fare at Flint to probate court.....	75
	railroad fare from Flint to Lansing, self and boy.....	1 98
	dinner at Flint, Dibble house.....	80
	hack fare at Lansing.....	75
	supper at Durand.....	50
	fees.....	3 00
	Leroy Boynton, For investigating case of James Wallace and Thomas Wallace, charged with larceny before J. A. Torrey, justice of the peace, one day.....	3 00
19	Edward Corcellus, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting Geo. Kelley at home of Robert Clark.....	3 00
	conveyance, 22 miles.....	2 50
Feb. 9	postage since July 1, 1892.....	42
Jan. 21	investigating home and surroundings and attendance in court in case of People vs. Frank Winkler.....	3 00
	postage since July 1, 1892.....	15
14	David Cunningham, For investigating case of Samuel Harrison, charged with truancy and disorderly conduct, and attending trial of said case before H. A. Tillotson, justice of the peace, at Marshall, one day.....	3 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting home of Estella Higgins with Mrs. A. E. Williams, one day.....	3 00
17	railroad fare from Marshall to Battle Creek and return.....	80
	dinner and supper at Battle Creek.....	1 00
	street car fare.....	10
18	visiting home of Chas. W. Stump, with J. W. Decker, Battle Creek township, one day.....	3 00
	railroad fare, Marshall to Battle Creek and return.....	80
	street car fare at Battle Creek.....	10
	dinner and supper ".....	1 00
19	visiting home of Agnes Reyme with Thos. J. Haywood, one day.....	3 00
20	visiting home of Clinton and Arthur Sonners, one day.....	3 00
21	visiting home of Johnnie Battou with Harry Page in Lee township, 1 day.....	3 00
	horse and buggy, drive 14 miles.....	1 50
	dinner.....	40
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School: investigating and making an effort to find home of Frank Haymaker, an inmate of Reform School, one day.....	3 00
	Amount carried forward	\$16,887 78

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 28, 1893.</i>	
	Amount brought forward	\$16,867 78
Feb. 1-3	Alex. Cameron, For investigating trial of William and Frank Thompson, aged 12 and 15 years, 3 days.....	3 00
	livery for 3 days, 23 miles and return.....	5 50
	7 meals and 2 nights' lodging.....	2 25
	William Dunn, For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885: investigating case of Eva Judeon, charged with larceny, aged 14 years, before S. M. Brown, J. P., Traverse City, 1 day.....	3 00
1	railroad fare from Grawn to Traverse City and return.....	60
	dinner at Traverse City.....	25
	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of State Public School: investigating home of August Weisberg, with reference to getting a boy from State Public School, one day.....	3 00
	livery, 28 miles.....	2 00
	dinner and horse feed.....	50
9	investigating home of John McGarry with reference to getting a boy from State Public School, 1 day.....	3 00
	livery, 16 miles.....	1 50
	dinner.....	25
Jan. 12	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School: looking after Oscar Jordan, a boy from the Reform School, Lansing, 1 day..	3 00
	railroad fare from Grawn to Angell and return.....	1 50
	dinner at Angell.....	25
1892	R. E. Finch,	
Sept. 20	For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885: one-half day inspecting jail.....	1 50
	investigations and trial of Alice, Mary and Annie Callwell, by J. P. Robbins	3 00
1893	one-half day inspecting jail.....	1 50
Feb. 15	J. W. Finch,	
1892	For investigations and expenses in connection with complaint against juvenile offenders, under Section 2, Act 168, laws of 1885: telegraphing.....	25
Aug. 5	postage and stationary for 1892.....	1 75
Jan. 5	Stephen G. Fishbeck, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School: visiting Ira Raggett.....	3 00
14	" Fred Bowman.....	3 00
	horse hire.....	2 00
16	visiting Johnie Friesenfelt and Elmer E. Smith.....	3 00
	horse hire \$2, dinner horse and self 50c.....	2 50
Dec. 10	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public school: Lillian Purly, Deerfield township, 13 miles.....	3 00
	horse hire \$2, dinner self and horse 50c.....	2 50
14	Dora Miner, Marion township, 5 miles.....	3 00
	Wesley Miner, Marion township, 5 miles.....	1 50
	horse hire.....	3 00
15	investigating home of Milo M. Abbott, Iosco, 12 miles.....	2 50
	horse hire \$2, dinner self and horse 50c.....	3 00
16	Eliza Udell, Gregory, 20 miles.....	2 50
	horse hire \$2, dinner self and horse 50c.....	3 00
17	Dora Harwick, Pickney, 12 miles.....	2 50
	horse hire \$2, dinner self and horse 50c.....	3 00
19	Pearl Hover, Hartland, 14 miles.....	2 50
	horse hire \$2, dinner self and horse 50c.....	3 00
20	James Brown, Parahalville, 15 miles.....	2 50
	horse hire \$1.50, dinner self and horse 50c.....	3 00
23	Florence Russell, visit.....	3 00
1893		
Jan. 6	investigating the house of Wm. Wenk, Deerfield.....	3 00
	horse hire \$2, dinner self and horse 50c.....	2 50
12	Harriet March, Osceola, 4 miles.....	3 00
	horse hire.....	1 00
20	Nelson Wooly, Marion township, 4 miles.....	3 00
	horse hire.....	1 00
21	Blanche Leghan.....	3 00
	Amount carried forward	\$16,975 23

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 28, 1893.</i>		
1893	Amount brought forward	\$16,975 88
Jan. 23	Stephen G. Fishbeck,	
	For Orra Lee Hoyt, Cohoctah township, 12 miles	3 00
1892	horse hire, \$2.00; dinner self and horse, 50c	2 50
Nov. 17	William Bruce, Durauack, 12 miles:	
	horse hire	2 00
21	Henry Bowers, Fowlerville, 9 miles:	
	horse hire	2 00
28	Ira Lemuel Wiggins, Oak Grove, 8 miles:	
	horse hire	2 00
29	Gertrude Dwyer, Cohoctah township, 7 miles:	
	horse hire	2 00
30	Sarah Frankenberger, Deerfield township, 12 miles:	
	horse hire, \$2.00; dinner self and horse, 50c	2 50
Dec. 1	Nellie Zimmerman, Parshalville, 15 miles:	
	Willie Krosenger, Parshalville, 15 miles:	
	horse hire, \$2.00; dinner self and horse, 50c	2 50
2	Hattie Essex, Hartland, 12 miles:	
	horse hire, \$2.00; dinner, self and horse, 50c	2 50
3	Albert Bohall, Deerfield, 12 miles, horse hire	2 00
5	Frederick Venimo, Hartland, 12 miles, horse hire and dinner	2 50
6	Effie Baker, 12 miles, horse hire and dinner	3 50
7	Bertha Ames and Catherine Austin, Milford, 16 miles, horse hire and dinner	3 50
8	Lewis March, Brighton, 14 miles, horse hire and dinner	5 50
9	Clyde Cole, Green Oak, 15 miles, horse hire and dinner	5 50
Jan. 20	Robert T. Gibbons,	
	For expenses incurred in conveying Walter H. Wilson from Wayne county to State Public School:	
	railroad fare Detroit to Coldwater	3 85
	boy	1 70
	lunches	60
	hack, Coldwater	1 00
	hotel, Coldwater	2 00
	railroad fare, Coldwater to Detroit	3 85
23	Wm. M. Hathaway,	
	For services and expenses relating to the indenture, adoption, or visiting of children by direction of the superintendent of the State Reform School:	
	investigating home of Jackie Steiman, ¼ day	1 50
	expense, car fares, 15c; stamping, 3c; stationery, 5c	28
1892	services and expenses relating to the indenture, adoption, or visiting of children by the direction of the superintendent of the Industrial Home, Adrian:	
July 22	expense, stationery	05
	investigating home of Katie Plent, car fare and stationery	26
	" May Cameron, car fare and stationery	25
	stationery in this account	05
Dec. 6-7	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, Laws of 1885:	
	John Mannerstrom, larceny, expense, car fare	30
8-9	August Shersma, " " " "	25
9-10	Cornelius Breen, " " " "	30
12-13	Moses Sandler, assault and battery, expense, car fare	20
	Stella Hathaway, larceny, expense, car fare	25
15	Henry Schleim, " " " "	15
16	John Kuhote, disorderly, " " " "	10
	John Lepeszinski, " " " "	10
	Wm. Britt, " " " "	10
23	James Ludwig, larceny, " " " "	10
	Jerry Dykestrahous, " " " "	10
1893		
Jan. 2	Felix Nowakoskie, " ¼ day " "	1 10
	August Shersma, truancy, ¼ " " " "	1 10
3	Bertie Lyon and Albert Miller, disorderly, ¼ day	2 00
	expense, horse and cutter	1 00
5	Carl Hutchinson, larceny, ¼ day and expense	1 30
6	Emma Haehan, truancy and disorderly, ¼ day and car fare	1 15
9	Morris Courtney, larceny, ¼ day and car fare	1 60
	John " " " "	1 55
11	Joe Johnson, disorderly, ¼ " " " "	1 10
	Alvin Morris, " " " "	1 00
14	L. V. Purdy, " " " "	2 30
	Stella Hathaway, " ¼ " " " "	1 10
	stationery	05
	Amount carried forward	\$17,051 22

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1896.</i>		
	Amount brought forward.....	\$17,051 22
1893	Wm. M. Hathaway,	
Jan. 2	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	Stennie Vanderwood, visit, ½ day.....	1 00
	expense, horse hire and car.....	90
8	Clara Cleyhone, letters and stamps.....	10
5	Morrey E. Carey, visiting home ½ day.....	1 00
	expense, car fare.....	15
10	Lena Roetman, visit, ½ day.....	1 00
	expense, car fare Dec. 14, 17 and Jan. 7 and 10.....	50
	stationery and stamps.....	19
	Margaret Brend, visit, ½ day.....	1 00
12	Bertha Easton, " ½ ".....	1 00
	Emeline Tichner, " ½ ".....	1 00
	Earl Carey, " ½ ".....	1 00
	expense, street car fare and railroad to Ada.....	35
	horse and cutter 10 hours.....	3 00
	dinner and supper at Ada.....	50
13	Fred J. Coote and Wm. L. Smith, visit, ½ day.....	1 50
	expense, railroad fare Ada to Lowell.....	25
	dinner, 50c; horse and cutter, \$2.00; supper, 50c; bus, 25c; fare to Ada, 25c.....	3 50
16	Mary Simpson, visit, ½ day and car fare.....	1 70
17	Lawn Hayes, visit, and Melinia Greiner, ½ day.....	2 00
	expense, horse and cutter to Fisher and return.....	2 00
	car fare, 10c; toll, 5c; coffee, 25c.....	40
18	Fred Norton, visit, ½ day.....	1 50
	expense, cutter and car fare.....	1 55
19-20	Mabel Hope, Wm. Finch, Mrs. Elliot Clark, Levi Burch, Arthur Tower, Theo. Di Voe, visits, ¼ days.....	3 88
	expense of trip.....	4 80
	stationery.....	05
	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Reform School:	
1893	John Ending, visiting home and report, expense.....	20
Nov. 30	Warren Rose, letters to Gerome H. Huntley, guardian, Grand Rapids, expense.....	05
Dec. 3	Eddie Walker (colored), visiting to home and report, expense.....	25
8	application of Jerome Crampton, Ada, for expense.....	05
12	Nelson Raween, trying to find house, expense.....	25
	Edith Keyes, hunting her home, expense.....	15
1893		
Jan. 4	Alfred Donnen, investigating home and report.....	1 30
	expense, car fare and stationery.....	15
	Cornelius Klipp, Grand Rapids, investigating home.....	1 50
	expense, car fare and stationery.....	15
5	Ed Peter Boas, Grand Rapids, visit home ½ day and expense.....	1 10
6	Leonard M. McMurray, Grand Rapids, visit home, ½ day and expense.....	1 10
	Oscar Betts, Grand Rapids, visit home, ½ day and expense.....	1 10
7	Cornelius Van Papering, Grand Rapids, visit home, ½ day and expense.....	1 12
	Eddie L. Hungerford, Grand Rapids, visit home, ½ day.....	1 00
10	Frank Gregg, 3 visits home, ½ day and expense.....	1 35
13	Fred Passmore and Del Lamb, visit home, ½ day.....	1 50
	expense, railroad and car fare, one way, 35c; horse and cutter, \$2.00.....	2 35
	lodging and breakfast at Ada hotel.....	50
18	Frank Palmer, Grand Rapids, and Warren Rose, Walker.....	1 50
	expense, livery, car fares and tolls.....	1 60
20	Willie T. Reid, visit to home and report:	
	expenses of street and railroad fare to Sparta and return.....	\$1 00
	livery and driver, 9 hours, 30 miles.....	4 00
	dinner and supper at Sparta.....	50
	stationery and postage.....	10
	one-seventh of above charged to State.....	80
	stationery.....	05
31	conveying Estella Hathaway, aged 16, from Grand Rapids to State Industrial Home for Girls, 2 days.....	6 00
	expense of hack and car fare.....	55
	railroad fare for self and girl to Adrian.....	8 10
	two dinners at White Pigeon.....	1 00
	hack at Adrian, from depot to Industrial Home.....	1 00
	supper, lodging and breakfast at Adrian.....	1 50
	Amount carried forward.....	\$17,124 44

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1893.</i>		
1893	Amount brought forward	\$17,134 44
Jan. 31	Wm. M. Hathaway	
	For bus to Adrian depot	25
	railroad fare for self to Grand Rapids	4 05
	dinner at Pigeon	50
	street car fare and stationery	10
Feb. 8	John Headley,	
	For expenses incurred in conveying Lizzie Nieman from Kent county to State Public School:	
	hack fare from home to depot	1 00
	one fare to Coldwater	3 25
	one-half fare to Coldwater	1 63
	two dinners and lunch	1 25
	hack from depot to school	1 00
	one fare home	3 25
	supper, 50c; car fare, 95c	55
Jan. 2	Warren B. Howe,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of State Public School:	
	Mary McCrae, visit and livery	4 50
	Harry Ernest Clide, visit and livery	6 75
	Lizzie Grupp, visit, livery, horse feed and dinners	7 75
	Peter Cody, horse feed, livery and dinners	8 75
	Sarah J. Condy, Kalamazoo City	3 00
	Grace Taylor, Kalamazoo City	3 00
	investigating home of Geo. Sparks for a girl and livery	5 50
	visiting Susan Eleo, and livery	
	Edith Thomas, " " "	4 00
	John Daley, " " "	4 00
	Thomas Waynes, " " "	6 75
	Geo. J. Van Brunt, " " "	
	Abbie M. Drugrundy, " " "	4 50
	Charles Allen, " " "	7 75
	Frank Youngs, " " "	6 00
Feb. 8	Thomas Keyes,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1886, as follows:	
	case of Frank King, charged with rape, before V. H. Smith, judge circuit court for Ionia county, one day	3 00
	paid car fare to Portland and return	1 00
	dinner at Portland	50
	inspection of county jail	3 00
10		
14	Sarah E. Hurmiston,	
	For back bounty	50 00
Jan. 30	W. H. Wiesand,	
	For taking Mary Baker and Nettie Grey to home in Bay and Saginaw:	
	railroad fare to Saginaw, \$4.50; supper at Lansing, 50c	4 70
	hack, 50c; railroad fare Hemlock and return, 90c	1 40
	car fare, 10c; hack to visit Emma Thompson, 50c	60
	hotel, \$2.00; railroad fare to Bay City, 30c; to Fisherville, 40c	2 70
	fare Fisherville to Lansing, \$2.55; supper, 50c	3 05
	hotel Lansing, \$1.00	1 00
	railroad fare to Coldwater	2 30
1892		
Nov. 22, 23, 24	John Perry,	
	For expenses incurred in search and return of escaped patient, Alfred Brown:	
	dinner and team feed at Lake Odessa	75
	hotel at Jackville	1 75
	dinner and team feed at Hastings	75
	livery team to Middleville	3 00
	team feed at Middleville	25
	telephone superintendent at asylum	50
	hotel at Freeport	1 75
	John Grant,	
	For expenses incurred in search and return of escaped patient, Alfred Brown:	
	railroad fare Ionia to Grand Rapids	1 09
	breakfast 50c, car fares 20c	70
	railroad fare Grand Rapids to Lowell and Freeport	1 09
	supper at Elmdale, self and deputy sheriff	50
	railroad fare to Ionia, self and deputy sheriff	3 50
	paid C. E. Evans, bill with team	1 75
	dinner and team feed	1 00
	2 telephones to superintendent at asylum	40
	Amount carried forward	\$17,305 46

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1898.</i>		
	Amount brought forward	\$17,305 46
Nov. 22-23	S. Riker. For expenses incurred in search and return of escaped patient, Alfred Brown: livery team 1½ day	5 00
22, 23, 24	George E. Swartout. For expenses incurred in search and return of escaped patient, Alfred Brown: lodging, horse feed and breakfast. telephone superintendent at asylum dinner and horse feed at Freeport hotel at Lake Odessa. livery team, Lake Odessa. telephone superintendent at Asylum	25 20 1 00 1 75 2 00 20
22-23	Albert Lane. For expenses incurred in search of and return of escaped patient, Alfred Brown, hotel with team, \$1.75; dinner and feed, 75c; telephone superintendent, 20c.	2 70
Jan. 31	Joe. Nicholson. For transferring Jonas Anderson from Detroit to Ionia, railroad fare, \$3.75; fare for officer and return, \$6.65	10 35 1 00
Feb. 14	transferring Mary Levering from Detroit to Ionia, railroad fare, \$3.70; fare to Ionia and return, \$6.65	10 35 1 00
Jan. 25	R. J. Taylor. For transferring Benjamin Smith, No. 245, from Marquette to Ionia: 2 tickets one way and one ticket one way lunch at Beney for two hotel at Mackinaw dinner and supper for two hack to asylum telegraph at Ionia, 50c; hotel, \$3.00 sleeping car hotel at St. Ignace sleeping car from St. Ignace to Marquette. breakfast, dinner and supper	37 55 1 00 3 50 2 00 2 00 3 50 2 00 3 00 1 50
14	Mrs. W. H. Wiesand. For 2 days' salary, children from University hospital	4 00
16	railroad, Coldwater to Kalamazoo and return	2 34
17	hotel and hack, Kalamazoo	2 00
17	dinner at White Pigeon	50
18	2 days' salary	4 00
18	fare from Coldwater to Detroit, \$2.60; hotel and hack, \$2.00	4 60
19	" " Detroit to Lenox, 85c; Lenox to Pontiac, \$1.05	1 91
19	dinner and hack at Pontiac	75
20	railroad fare, Pontiac to Detroit, 80c; hotel and hack, \$2.00	2 80
20	" " Detroit to Coldwater	2 00
20	dinner at Adrian	50
23	3 days' salary	6 00
23	railroad fare, Coldwater to Lansing via Jackson	1 63
23	transfer at Jackson, 25c; hotel at Lansing, \$1.50	1 75
24	street car and hack at Lansing	80
24	railroad fare, Lansing to Owosso, 52c; dinner, Owosso, 50c	1 02
24	Owosso to Pompei and return	1 45
24	hotel and hack at Owosso	1 75
24	railroad fare, Owosso to Jackson	1 25
24	" " Jackson to Coldwater	95
27	3 days' salary	6 00
27	railroad fare, Coldwater to Jackson, 85c; transfer, 25c	1 20
27	" " Jackson to Chelsea and return	53
28	hotel and hack, Jackson	1 75
28	railroad fare, Jackson to Coldwater	1 25
28	2 days' salary	4 00
Feb. 1	railroad fare, Jackson to Mackinaw	7 12
2	hack and hotel, Grand Rapids	2 25
2	dinner and supper at Cadillac	1 00
2	hotel at Mackinaw	1 25
2	dinner at Cadillac, 50c; supper at Reed City, 50c	1 00
3	hack and hotel at Grand Rapids	1 50
3	railroad fare, Mackinaw to Coldwater via Sturgis	6 70
3	transfer, Sturgis	25
3	4 days' salary	8 00
Jan. 27	Geo. W. Green. For holding inquest on the body of Wellington Millup: venire jury viewing body	25 3 00
	Amount carried forward	\$17,458 67

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1893.</i>	
	Amount brought forward	\$17,488 87
Jan. 27	Geo. W. Green, For taking recognizance	25
	swearing 3 witnesses	30
	mileage	12
	constable fees	2 19
	6 jurors @ \$1.50, \$9.00; 3 witnesses @ 50c, \$1.50	10 50
26	C. Larzelere, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent, etc.: visiting Eddie Irikins and Burnhard Esinburg	3 00
	team and sleigh	2 50
Feb. 1	visiting May Chaption, living with George Coon	1 50
	" Chas. Weston, with Cland Townsend, and rig	3 00
4	" Herbert Hessington with John Rainold, and rig	4 50
Dec. 28	Mathew A. McHenry, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating home of Daniel Redmon, an applicant for a child from State Public School, one day	3 00
	railroad fare to Cheboygan and return	1 00
	livery, 24 miles	2 00
	lodging, breakfast and supper	1 50
Jan. 20	A. W. Mosher, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, Laws of 1885: case of Ralph Keeler, charged with being an habitual truant from school and home, before W. E. Steelman, justice of the peace, 1 day	3 00
	livery 28 miles	1 50
	dinner, 25c; horse feed, 25c	50
Feb. 7	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School: investigating the home of Mrs. Green, an applicant for the release of her boy from State Reform School, one day	3 00
	livery	1 50
Jan. 28	Michael J. Martin, For conveying Jennie Hopkins from Ann Arbor to State Industrial Home for Girls, Adrian: railroad fare from Ann Arbor to Adrian and return	5 42
	dinner at Adrian	25
	supper at Detroit	25
	1 1/2 day service	4 50
21	Frank E. Monroe, For services and expenses relating to the indenture, adoption or visiting of children by direction of the Supt., etc.: visiting John Woods of Atlanta	3 00
	team, \$2.00; dinner for self and team, 75c	2 75
1892	Albert Miller, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial Home for Girls: investigating condition of the home of Mrs. Celia Stark, an applicant for a ward of the State from the Industrial Home for Girls, and reporting as to the advisability of placing one therein, fees	3 00
Dec. 16	hack at Bay City	50
	railroad fare to Pinconning and return	1 00
	dinner at Pinconning	25
Feb. 11	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, Laws of 1885: services inspecting jail	3 00
	hack hire	50
	postage and stationery to Feb. 21, 8 letters	24
	John O'Gorman, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visited the home of Redmond and John Walsh in the township of Maple Grove, who are applicants for wards from the State Public School	3 00
15	hack fare at Saginaw	50
	railroad fare to Cheesaning	70
	rig at Cheesaning to Maple Grove, 17 miles	2 09
	dinner and supper, Cheesaning	1 00
	hack on return to Saginaw	50
11	visited the home of Geo. W. Robinson, who has a ward of the State Public School, 1 day	3 00
	Amount carried forward	\$17,568 89

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$17,568 80
Feb. 11	John O'Gorman, For hack at Saginaw	50
	railroad fare to Chesaning	70
	rig at Chesaning, 11 miles	1 75
	dinner and supper	1 00
	railroad fare to Saginaw	70
	hack fare, Saginaw	50
9	visited the home of Mrs. E. L. Barker, who has a ward of the State Public School, 1 day	3 00
	hack fare 50c, railroad fare to St. Charles 45c	95
	livery 10 miles	2 00
	dinner and supper at St. Charles	1 00
	railroad fare to Saginaw	45
	hack fare at Saginaw	50
10	visited the home of Francis Appleman, who has a ward of State Public School, also the home of Wm. H. Walter, who is an applicant for a ward from the State Public School	3 00
	hack at Saginaw, 50c; railroad fare to Oakley, 85c	1 35
	dinner, 50c; rig 17 miles, \$2.00	2 50
	supper at Oakley	50
	railroad fare on return	85
	hack on return	50
4	removing Emma May Thompson from the home of Frank Waldorf to the home of Geo. Shattuck, ¼ day	1 50
Jan. 6	further moving the above child who is a ward of the State Public School, to the home of James Cruchmar, ¼ day	1 50
	investigations and expenses in connection with complaints against juvenile offenders, under Section 2, Act 168, laws of 1895:	
30	case of William Gilmartin, charged with false pretenses, before Stampell, justice of the peace, \$3.00; car fare, 30c	3 30
	case of George Downs, charged with larceny before Goldsmith, justice of the peace	3 00
31	dinner at Taylor house	50
27	case of John Klennish, charged with assault and battery, before Stampell, justice of the peace	3 00
Feb. 4	case of John O'Brien, charged with malicious injury to property, before Goldsmith, justice of the peace	3 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
23	investigating the home of J. E. O'Connor, who is an applicant for a ward of the State Public School, ¼ day	1 50
	livery 5 miles	1 00
	dinner	50
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School:	
	visiting the home of Herbert Stalker, who is now in Reform School, also the home of Geo. Roy, who is out on leave of absence, also the home of William A. Jackson, who escaped in 1891, livery rig 12 miles	1 00
	dinner at Everett house	50
	one day	3 00
27	Chas. D. Petershan, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Coldwater School:	
	inspecting house of Millie Loomis	3 00
	railroad fare to Vassar and return	75
	board	50
19	S. H. Preston, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting home D. B. Jennings, Aurelius	3 00
	lodging, supper and breakfast and feed at Aurelius	1 25
20	visiting homes of Wm. E. Henry, Onondaga and Mrs. Margaret Simpeon	3 00
	horse and cutter, two days	4 00
16	Alanson Fartridge, For conveying Henry West from Pontiac to State Reform School:	
	railroad fare from Pontiac to Lansing, boy	1 00
	bus at Lansing	25
	railroad fare, self, from Birmingham to Lansing and return	4 30
	bus at Lansing to school and return	50
	dinner at Lansing, Downey house	50
	supper at Durand	50
	services	3 00
	Amount carried forward	\$17,640 29

State of _____ County of the State of _____



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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$17,765 35
1892	H. C. Smith.	
Dec. 24	For porter fee	25
25	hack from depot to Commercial hotel, Chicago	50
	breakfast for self and child, Commercial hotel, Chicago	1 00
	fares to Lansing for both	10 10
	dinner on train for both	1 50
	hack at Lansing to school	50
	supper at Downey hotel	50
	hack to depot	25
	fare from Lansing to Chicago	5 05
	sleeping berth	2 00
26	porter fee	25
	hack from depot to Commercial house, Chicago	50
	breakfast, dinner and supper	1 50
	hack to depot	50
	fare Chicago to Iron Mountain	8 73
	sleeping car Iron Mountain	2 00
	porter fee	25
	four day's salary	12 00
Jan. 27	Paul Schall.	
	For conveying Geo. Hopkins from Ann Arbor to State Reform School at Lansing	
	fares, Ann Arbor to Jackson	2 30
	fares, Jackson to Lansing	2 20
	hack and supper, Lansing	1 25
	fare, Lansing to Jackson	1 10
	lodging and breakfast at Jackson	1 00
	fare from Jackson to Ann Arbor	1 15
	one and one-half days' service	4 50
1892	B. J. Taylor.	
Dec. 13	For transferring Geo. Potter, No. 450, from Marquette to Ionia, two railroad tickets one way and one ticket one way	\$7 55
	lunch at Seney, \$1.00; hotel at Mackinaw, \$3.50	4 50
	dinner and supper for two	2 00
15	hack to asylum, \$3.00; hotel at Ionia, \$3.00	4 00
16	dinner and supper	1 00
17	sleeping car, \$3.00; breakfast, dinner and supper, \$1.50	3 50
	gratuities	5 00
Jan. 25	Edward Taylor.	
	For conveying Nellie B. Hobbsen from Jackson to State Industrial Home, Adrian	
	hack from jail to depot	50
	two fares to Adrian	2 70
	hack, Adrian to Industrial Home	1 00
	dinner and supper, \$1.00; hack to depot, 25c	1 25
	railroad fare to Jackson	1 35
	hack in Jackson, 50c; 1 day, \$3.00	3 50
Feb. 14	conveying Charles B. Warner from Jackson to State Reform School: two fares to Lansing	2 20
	hack from jail in Jackson to depot	50
	hack from depot to Reform School, Lansing	50
	supper, Lansing, 50c; hack to depot, 25c; fare, Jackson, \$1.10	1 85
	hack in Jackson, 50c; 1 day, \$3.00	3 50
Jan. 25	Tracy L. Towner.	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885:	
	case of Basil Hutchinson, charged with being disorderly, before F. P. Bogardus, justice of the peace	3 00
27	case of Geo. Hopkins and Jennie Hopkins, charged with being disorderly, before E. B. Pond, justice of the peace	3 00
	car fare to Ann Arbor	30
	dinner at Ann Arbor	50
4	services and expenses relating to the indenture, adoption, or visiting of children by direction of the superintendent of State Public School: investigating home of Mrs. Chas. More, an applicant for child from State Public School	8 00
	fare to Saline and return	70
12	visiting Ora Scott, at Mrs. Van Valkenburg's, and Belle Hardy, at Mrs. Baldwin's, wards of State Public School	3 00
	car fare, Manchester and return	1 50
	livery, \$1.50; dinner, 50c; hack at Manchester, 25c	2 25
13	investigating home of Mrs. Frank McMillan, an applicant for child from State Public School, and Rose Baker, a State Public School ward, at E. A. Ward's	3 00
	car fare, Chelsea and return	1 50
	Amount carried forward	\$17,934 58

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 28, 1898.</i>		
	Amount brought forward	\$17,924 58
Jan. 18	Tracy L. Towner, For dinner at Chelsea	50
	livery, \$2.00; dinner, 50c	2 50
20	visiting Cynthia M. Waite, ward of State Public School at Mrs. Saunders	3 00
	car fare to Ann Arbor and return	30
23	visiting Frank Jacobs, at Geo. W. Inman's, and Rose Smith, at Geo. C. Smith's, wards of the State Public School	3 00
	livery	1 50
24	visiting Nicholas Treklof, ward of State Public School, at Jos. Gibney's, \$3.00; fare Chelsea, \$1.50; livery, \$1.50	6 00
30	visiting Lottie Vargerson, at Mrs. Sly's, and Grace Shephard, at Mrs. Wyman's; Louisa Mose, at Mrs. Roberts', and Ida Drake, at L. C. Rodman's, fare, Dexter and return, \$1.00; dinner, 50c; livery, \$1.50	3 00
Feb. 9	Chas. W. Whitehead, For conveying Percival F. Mott from Benton Harbor to State Reform School: car fare to St. Joseph	20
	2 fares to South Bend	2 20
	2 dinners, South Bend	50
	transfer bus, 50c; fares to Lansing, \$5.02	5 52
	transfer to Reform School, Lansing	50
10	fare, Lansing to Benton Harbor	4 08
	dinner at Battle Creek	50
	services	6 00
16	conveying John Mitchell from Niles to State Industrial Home for Boys: fare to Niles from Berrien Springs	75
	railroad fares, Niles to Lansing	6 10
	lunch at Battle Creek	40
	transfer, Lansing	50
17	car fare, 5c; fare, Lansing to Benton Harbor, \$3.56	3 61
	dinner at Battle Creek	50
	transfer at South Bend	25
	supper at South Bend	35
	services	6 00
8	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School: visiting home of Clarence Keene, service	3 00
	car fare	20
Jan. 23	investigations and expenses in connection with complaints against juvenile offenders, under Section 2, Act 168, laws of 1885: case of Percival F. Mott	3 00
	case of John Mitchell, \$3.00; fare to Niles, 70c; hotel, \$1.00	4 70
	case of Daisy Mitchell, \$3.00; hotel, \$1.00	4 00
15	inspecting jail	3 00
	fare, railroad and hack	1 00
	hotel	1 00
5	Chas. H. Waterloo, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial Home for Girls: visiting home of Mrs. Wm. D. Smith, Ft. Gratiot, street car fare, 10c; $\frac{1}{4}$ day, \$1.50	1 60
1892	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: conveying Carrie Tecosh from Clyde to Lenox: fare, Port Huron to Atkins Station	35
Dec. 1	rig at Atkins Station, 6 miles	75
	railroad fare for self and girl, Atkins Station to Port Huron	50
	hack at Port Huron	50
2	telegram at Bay City	25
6	railroad fare for girl, Port Huron to Lenox	52
	1 day	
Jan. 23	Daniel Walters, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting Emma Goscheuch living with Jordan Johnson of Charlotte	3 00
	fare, Eaton Rapids to Charlotte and return	55
	supper at Charlotte	50
25	investigating the home of Antonia Edwards (col.) of Bellevue, an applicant for a ward from State Public School	3 00
	fare from Eaton Rapids to Charlotte and return	55
	hack fare, 50c; fare Charlotte to Bellevue and return, 52c	1 02
	dinner, 50c; supper at Charlotte, 50c	1 00
30	visiting Edward Smith, living with James Woodrow of Walton	3 00
	livery, \$2.50; dinner, 25c; horse feed, 25c	3 00
	Amount carried forward	\$18,025 31

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$18,025 31
Feb. 14	Daniel Walters, For investigating home of Warren Shaul of Charlotte, an applicant for ward from State Public School	3 00
	railroad fare from Eaton Rapids to Charlotte and return	55
	dinner at Charlotte	50
	services and expenses relating to the indenture, adoption of or visiting of children by direction of the superintendent of the Industrial Home at Adrian:	
1892 Dec. 6	visiting home of Rubey Ruber, living with Thomas K. Henry, of Benton township:	
	railroad fare from Eaton Rapids to Charlotte and return	55
	livery, \$1.25; dinner at Charlotte, 50c	1 75
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School, Lansing:	
Jan. 26	investigating home of E. Peabody of Mulliken, and O. D. Nichols, of Hoyt- ville, applicants for boys from Reform School	3 00
	railroad fare from Eaton Rapids to Lansing	50
	" " Lansing to Mulliken	50
	dinner at Mulliken	25
	livery at Mulliken	1 25
	railroad fare from Mulliken to Lansing	50
	supper, lodging and breakfast at Lansing	1 50
	railroad fare from Lansing to Eaton Rapids	50
17	F. W. Latimer, For conveying Daniel Winters from Ludington to State Reform School, Lan- sing:	
	hack at Ludington	50
	one fare from Ludington to Lansing	4 75
	one-half fare from Ludington to Lansing	2 40
	supper at Ionia	1 00
	hack to Reform School	50
	hotel bill at Hudson house	1 00
	hack to depot	25
	one fare from Lansing to Ludington	4 75
	supper Reed City	50
	hack at Ludington	25
	two days' service	6 00
	H. H. Davis, For inquest on the bodies of Harry Fleming, Alfred Tredo and Franklin House, convicts State Prison at Jackson:	
	Harry Fleming, convict No. 5309, holding inquest	3 00
	venire	25
	swearing 3 witnesses	30
	" " jury	10
	3 subpoenas	75
	mileage	18
	6 jurors @ \$1.50	9 00
	witness fees, 2 at 50c and 1 at 85c	1 35
	deputy sheriff, as per bill	2 70
	Alfred Tredo, convict, holding inquest	3 00
	venire	25
	impaneling jury	75
	6 jurors @ \$1.50	9 00
	6 " mileage	90
	subpoena for 1 witness and travel	25
	swearing	10
	serving subpoena	15
	mileage	18
	swearing jury	60
	1 witness at 85c	85
20	Franklin House, convict No. 4436, holding inquest	3 00
	venire	25
	swearing 4 witnesses	40
	swearing jury	10
	4 subpoenas	1 00
	mileage	18
	6 jurors @ \$1.50	9 00
	witness fees, 3 at 50c and 1 at 85c	2 35
	deputy sheriff, as per bill	2 98
	Amount carried forward	\$18,114 88

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 22, 1898.</i>		
	Amount brought forward	\$18,114 85
	Wayne County Insane Asylum, For maintenance and clothing of patients under Sec. 3 of act 47, 1891, for the quarter ending December 31, 1892:	
1892	Mary Angie, board from October 1 to December 31, 92 days	32 88
Oct. 14	2 aprons, 20c	40
15	dress	1 50
24	1 apron, 20c; 2 handkerchiefs @ 7c, 14c	34
12	Henry Bromville, board from October 1 to December 31, 92 days	32 88
18	2 pair hose, 20c	40
20	John Brown, board from October 1 to December 31, 92 days	32 88
Nov. 10	2 shirts, 50c	1 00
	necktie	05
	suit	5 25
	Margaret Burns, board from October 1 to December 31, 92 days	32 88
Oct. 8	2 pair hose, 10c	20
13	2 aprons, 20c	40
Dec. 24	apron, 20c; 2 handkerchiefs @ 7c, 14c	34
	necktie, 5c; pair elastics, 10c	15
	2 wool vests, 60c	1 20
	Fannie Beecham, board from October 1 to December 31, 92 days	32 88
Oct. 1	2 pair hose, 12½c	25
Dec. 24	apron, 20c; 2 pair hose @ 25c, 50c	70
	2 handkerchiefs @ 7c, 14c; 2 wool vests, \$1.20	1 84
	William Bornham, board from October 1 to December 31, 92 days	32 88
Oct. 1	2 shirts @ 50c, \$1.00; 2 pair hose, 40c	1 40
6	pair pants	1 75
16	pair suspenders	20
24	2 pair hose, 10c	20
	Thomas Bottles, board from October 1 to December 31, 92 days	32 88
Dec. 10	pair slaps, 85c; 2 shirts @ 50c, \$1.00	1 85
24	2 pair hose, 10c	20
	2 pair hose, 10c	20
	handkerchief	07
	Margaret Croghan, board from October 1 to December 31, 92 days	32 88
Oct. 14	2 pair hose, 10c	20
24	apron, 20c; hose, 10c; handkerchiefs, 14c; ribbon, 12c; elastics, 10c	66
	Patrick Cunningham, board October 1 to December 31, 92 days	32 88
1	suit	4 75
Nov. 19	cap	27
Dec. 24	2 pair hose, 20c; handkerchief, 7c	40
	Wm. P. Campbell, board October 1 to December 31, 92 days	32 88
Nov. 16	2 pair hose, 40c; 2 shirts, \$1.00	1 40
Dec. 14	pair suspenders	20
24	pair hose	10
	Theo. C. Carleton, board October 1 to December 31, 92 days	32 88
Oct. 20	necktie	05
Nov. 16	2 pair hose, 40c; 2 shirts, \$1.00	1 40
Dec. 13	pair slippers	85
	John Doe, 1st, board October 1 to December 31, 92 days	32 88
Oct. 12	pair shoes	1 10
Dec. 14	pair suspenders	20
	John Davis, board October 1 to December 31, 92 days	32 88
Nov. 16	2 pair hose, 40c; 2 shirts, \$1.00	1 40
Dec. 24	handkerchief, 7c; necktie, 5c	12
	Catherine Fonder, board October 1 to December 31, 92 days	32 88
Oct. 15	dress	1 50
Dec. 24	apron, 20c; 2 pair hose, 50c	70
	2 handkerchiefs, 14c; necktie, 5c	19
	pair elastics	10
	Arthur D. Faulkner, board October 1 to December 31, 92 days	32 88
Nov. 10	suit	4 25
Dec. 13	pair shoes	1 50
14	2 pair hose, 10c	20
24	handkerchief, 7c; necktie, 5c	12
	John Hanley, board October 1 to December 31, 92 days	32 88
Oct. 12	2 shirts, \$1.00; 2 pair hose, 40c	1 40
Nov. 10	suit	4 25
19	cap	40
Dec. 24	2 pair hose, 10c	20
	Herman Kinder, board October 1 to December 31, 92 days	32 35
	August Kraub, " " 1 " " 31, 92 "	32 88
	John Lange, " " 1 " " 31, 92 "	32 88
13	pair slippers	85
24	handkerchief	07
	Amount carried forward	\$18,778 79

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE

Date.	Items.	Amount.
	<i>Allowed February 28, 1896.</i>	
	Amount brought forward	\$18,778 79
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	John Lanis, board, Oct. 1 to Dec. 31, 92 days	\$2 88
	2 shirts, 50c	1 00
Nov. 16	cap	1 00
1	handkerchief, 7c; necktie, 5c	12 12
Dec. 24	James Leonard, board, Oct. 1 to Dec. 31, 92 days	\$2 88
19	pair pants	2 00
Dec. 24	2 pair hose, 20c; handkerchief, 7c	27 05
	necktie	05 05
Oct. 8	Louise Leihier, board, Oct. 1 to Dec. 31, 92 days	\$2 88
14	2 pair hose, 12½c	25 25
Dec. 24	2 aprons, 20c	40 80
	apron, 20c; elastic, 10c	90 90
	Rndolph Michaels, board Oct. 1 to Dec. 31, 92 days	\$3 88
Oct. 7	suit	5 25
Nov. 28	pair slips	08 08
Dec. 24	handkerchief	07 07
14	Joseph Moritz, board, Oct. 1 to Dec. 31, 92 days	\$2 88
24	2 pair hose	20 20
	handkerchief	07 07
Oct. 12	Carl Machem, board, Oct. 1 to Dec. 31, 92 days	\$2 88
Nov. 10	pair shoes	1 10
Oct. 7	suit	4 75
12	Joseph Negri, board, Oct. 1 to Dec. 31, 92 days	\$2 88
Nov. 9	2 pair hose, 20c	40 40
Dec. 24	cap	07 07
	handkerchief	07 07
Nov. 14	Dennis Noonan, board, Oct. 1 to Dec. 31, 92 days	\$2 88
	cap	40 40
Oct. 20	Horace Phelps, board, Oct. 1 to Dec. 31, 92 days	\$2 88
Nov. 16	necktie	05 05
Dec. 24	2 pair hose, 20c	40 40
	handkerchief	07 07
14	John Petrovits, board, Oct. 1 to Dec. 31, 92 days	\$2 88
	2 pair hose, 10c	20 20
Oct. 12	Herman Ralloker, board, October 1, to December 31, 92 days	\$2 88
Dec. 18	2 shirts, \$1.00; 2 pair hose, 40c	1 40
	pair pants	1 75
Oct. 8	August Renke, board, October 1, to December 31, 92 days	\$2 88
Dec. 3	pair shoes	1 10
24	2 chemise @ 25c	50 50
	apron, 20c; pair elastics, 10c	30 30
Oct. 12	Fred Roder, board, October 1, to December 31, 92 days	\$2 88
Dec. 14	pair shoes	1 10
24	suspenders, 20c; hose, 20c	40 40
	hose, 10c; handkerchief, 7c	17 17
	necktie	05 05
	John F. Rossmar, board, October 1, to December 31, 92 days	\$2 88
	Alice C. Smith, " " " " " " " " " " " "	\$2 88
Oct. 7	2 night dresses, \$2.00; 2 chemise, \$1.00	3 00
	2 pair drawers, 60c; shirt, 75c	1 35
Nov. 21	2 aprons	40 40
24	apron, 20c; 2 pair hose, 50c	70 70
	handkerchief, 14c; necktie, 5c; ribbon, 12c	31 31
Oct. 8	Mary Schalley, board, October 1, to December 31, 92 days	\$2 88
14	pair shoes	1 10
Dec. 24	2 neckties	10 10
	dress, \$1.50; apron, 20c	1 70
	handkerchief, 7c; necktie, 5c	12 12
Oct. 8	Mary Smock, board, October 1, to December 31, 92 days	\$2 88
18	pair shoes	1 10
Dec. 3	2 neckties	10 10
24	2 chemise @ 25c	50 50
	apron, 20c; handkerchief, 7c	27 27
	pair elastics	10 10
Oct. 20	Clifton Smith, board, October 1, to December 31, 92 days	\$2 88
Nov. 14	necktie	05 05
Dec. 24	cap	40 40
	handkerchief	07 07
	Amount carried forward	\$19,435 97

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 25, 1898.</i>		
	Amount brought forward	\$19,435 97
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows.	
Dec. 16	John Sutton, board, October 1 to December 31, 92 days	32 38
	suit	6 00
Oct. 7	John Wilson, board, October 1 to December 31, 92 days	32 38
Dec. 16	suit	4 75
	pair suspenders	20
Oct. 7	Catherine Walling, board, October 1 to December 31, 92 days	32 38
Nov. 3	2 pair hose @ 12½c	25
Dec. 24	2 aprons @ 20c	40
	2 dresses, \$3.00; apron, 20c	3 20
	2 pair hose, 50c; ribbon, 12c	62
	pair elastics, 10c; 2 cotton vests, 50c	60
Oct. 8	Mary Walters, board, October 1 to December 31, 92 days	32 38
18	2 pair hose @ 10c	20
Dec. 3	2 aprons, 40c; necktie, 10c	50
24	2 cotton-flannel skirts @ 50c	1 00
	apron, 20c; handkerchief, 7c; necktie, 5c	32
	2 cotton vests @ 25c	50
	1 pair shoes	1 60
Oct. 8	Margaret White, board, October 1 to December 31, 92 days	32 38
Dec. 8	pair shoes	1 10
	2 chemise @ 25c	50
24	2 cotton-flannel skirts	1 00
	dress, \$1.50; apron, 20c	1 70
	2 pair hose @ 25c	50
	handkerchief, 7c; necktie, 5c	12
	2 cotton vests @ 25c	50
Oct. 7	Nathan Williams, board, October 1 to December 31, 92 days	32 38
	pair shoes	1 10
Dec. 10	August Walters, board, October 1 to December 31, 92 days	32 38
	2 shirts, \$1.00; 2 pair hose, 20c	1 20
Oct. 8	Frederica Adams, board, October 1 to December 31, 92 days	32 38
13	pair shoes	1 10
Dec. 24	dress	1 50
	apron, 20c; 2 handkerchiefs @ 7c, 14c	34
	necktie, 5c; 2 cotton vests, 50c	55
Nov. 10	John Arey, board October 1 to December 31, 92 days	32 38
16	suit	4 75
Dec. 14	2 pair hose, 40c; 2 shirts, \$1.00	1 40
24	pair suspenders	20
	handkerchief, 7c; necktie, 5c	12
Nov. 10	Wm. H. Ash, board October 1 to December 31, 92 days	32 38
Dec. 13	suit	4 75
	pair slippers	85
Oct. 12	John Belo, board October 1 to December 31, 92 days	32 38
Nov. 16	pair shoes	1 10
Dec. 14	" hose, 40c; 2 shirts, \$1.00	1 40
	" suspenders	20
Oct. 13	Mary Burrow, board October 1 to December 31, 92 days	32 38
Dec. 24	2 aprons, 20c	40
	apron, 20c; 2 handkerchiefs, 14c	34
	necktie, 5c; pair elastics, 10c	15
Oct. 12	John Brichta, board October 1 to December 31, 92 days	32 38
Nov. 10	pair shoes	1 10
Dec. 24	suit	4 75
	2 pair hose, 20c; handkerchief, 7c	27
Nov. 19	Michael Basquel, board October 1 to December 31, 92 days	32 38
Dec. 24	pair mittens	40
	2 pair hose, 20c; handkerchief, 7c	27
Oct. 12	James Brennan, board October 1 to December 31, 92 days	32 38
Nov. 16	Alfred Croleus	32 38
	2 pair hose, 20c	40
	2 shirts, 50c	1 00
Oct. 13	Elizabeth Crawford, board October 1 to December 31, 92 days	32 38
Dec. 24	dress	1 50
	apron, 20c; 2 pair hose, 50c	70
	2 handkerchiefs, 14c; necktie, 5c	19
	pair elastics, 10c; 2 cotton vests, 50c	60
Oct. 13	Eliza Donnelly, board October 1 to December 31, 92 days	32 38
Dec. 24	apron, 20c; 2 handkerchiefs, 14c	34
	2 aprons, 20c	40
	necktie, 5c; pair elastics, 10c	15
	Amount carried forward	\$20,076 89

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1898.</i>		
	Amount brought forward	\$20,076 89
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Mary Dancy, board, October 1 to December 31, 92 days	32 33
Oct. 8	2 pair hose @ 10c.....	20
13	2 neckties @ 5c.....	10
Dec. 24	apron 20c; 2 pair hose 50c.....	70
	2 handkerchiefs 14c, necktie 5c.....	19
	2 cotton vests @ 25c.....	50
	Wm. Dwyer, board, October 1 to December 31, 92 days.....	32 33
Oct. 1	2 shirts at 50c.....	1 00
7	pair shoes \$1.10; suit \$4.75.....	5 85
Dec. 24	handkerchief.....	07
	Margaret Dolan, board, October 1 to December 31, 92 days	32 33
Oct. 14	2 aprons @ 20c.....	40
Dec. 24	apron 20c; pair hose 10c.....	30
	2 handkerchiefs 14c; necktie 5c.....	19
	2 cotton vests @ 25c.....	50
	Edward Delaney, board, October 1 to December 31, 92 days.....	32 33
Oct. 7	pair shoes.....	1 10
Dec. 24	2 wool under shirts @ 60c.....	1 20
	George Estelle, board, October 1 to December 31, 92 days.....	32 33
Nov. 14	cap.....	40
Dec. 13	suit.....	6 00
24	2 pair hose 20c; box collars 10c.....	30
	Caroline England, board, October 1 to December 31, 92 days	32 33
	apron 20c; 2 pair hose 50c.....	70
	2 handkerchiefs 14c; necktie 5c.....	19
	Charles Falsoskie, board October 1 to December 31, 92 days	32 33
Oct. 12	2 shirts @ 50c.....	1 00
Nov. 19	cap.....	40
Dec. 18	pair pants.....	1 75
24	handkerchief 7c; necktie 5c.....	12
	Xavier First, board October 1 to December 31, 92 days	32 33
Oct. 1	2 shirts \$1; 2 pair hose 40c.....	1 40
Dec. 3	pair pants.....	1 75
	Julia Pomey, board October 1 to December 31, 92 days	32 33
Oct. 1	2 pair hose 12 1/2c.....	25
13	2 mull caps 50c; 2 aprons 40c.....	90
	apron 20c; handkerchief 7c; elastic, 10c.....	37
	John Feldman, board, October 1 to December 31, 92 days	32 33
12	2 shirts, 50c.....	1 00
20	necktie.....	05
Dec. 24	2 pair hose, 20c; handkerchief, 7c.....	27
Nov. 10	suit.....	4 75
19	cap.....	40
	Robert Fisher, board, October 1 to December 31, 92 days	32 33
Oct. 1	2 shirts, \$1.00; 2 pair hose, 40c.....	1 40
Dec. 16	pair suspenders.....	20
19	pair shoes.....	1 30
	Ellen Golden, board, October 1 to December 31, 92 days	32 33
Oct. 8	pair shoes, \$1.10; 2 pair hose, 20c.....	1 30
13	3 dresses @ \$1.50.....	4 50
Dec. 24	apron, 20c; 2 pair hose @ 25c, 50c.....	70
	2 handkerchiefs, 14c; pair elastics, 10c.....	24
	Barbara Genuine, board, October 1 to December 31, 92 days	32 33
Oct. 14	2 neckties @ 5c.....	10
Nov. 3	dress, \$1.50; 2 Bannel shirts, \$1.00.....	2 50
Dec. 24	2 aprons, 40c; 2 handkerchiefs, 14c.....	54
	necktie, 5c; pair elastics, 10c.....	15
	Robert Gibbs, board October 1 to December 31, 92 days.....	32 33
13	suit.....	4 50
24	handkerchief.....	07
	Mary A. Gotsing, board, October 1 to December 31, 92 days	32 33
	dress, \$1.50; apron, 20c.....	1 70
	handkerchiefs, 14c; ribbon, 12c; elastics, 10c.....	36
	Norman Halstead, board, October 1 to December 31, 92 days	32 33
Oct. 7	pair shoes.....	1 10
Dec. 6	pair pants.....	1 75
	cap.....	40
	Thomas Henry, board, October 1 to December 31, 92 days	32 33
Oct. 12	2 pair hose @ 20c.....	40
20	necktie.....	05
Nov. 10	suit.....	4 75
	Amount carried forward	\$20,689 66

Date.	Items.	Amount.
<i>Allowed February 23, 1898.</i>		\$20,689 66
	Amount brought forward	
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Thomas Henry:	
Nov 16	2 shirts @ 50c	1 00
19	cap	40
Dec. 24	handkerchief	07
	Catherine Hess, board October 1 to December 31, 92 days	32 38
Oct. 15	dress	1 50
Dec. 24	apron, 20c; 2 pair hose, 50c	70
	handkerchiefs, 14c; necktie, 5c	19
	pair elastics, 10c; 2 wool vests, \$1.20	1 30
	shoes	1 60
	Matilda Hollender, board October 1 to December 31, 92 days	32 28
Oct. 1	straw hat, 30c; pair hose, 13c	43
13	dress	1 50
Dec. 8	2 cotton flannel shirts @ 50c	1 00
24	apron, 20c; 2 handkerchiefs, 14c	34
	1 yard ribbon, 12c; pair elastics, 10c	22
	James R. Huff, board October 1 to December 31, 91 days	32 88
Nov. 14	cap	40
Dec. 16	pair suspenders	20
24	2 wool undershirts	1 20
	handkerchief	07
	Margaret Hastings, board October 1 to December 31, 92 days	32 88
Oct. 7	2 pair hose	25
14	2 neckties	10
Dec. 24	apron, 20c; 2 handkerchiefs, 14c	34
	necktie	05
	Albert G. Hutchings, board October 1 to December 31, 92 days	32 33
Oct. 13	pair shoes	1 10
20	necktie	05
Nov. 10	suit	4 75
16	2 pair hose	40
Dec. 24	handkerchief	07
	Maria Jacobson, board October 1 to December 31, 92 days	32 38
Oct. 8	pair shoes	1 10
13	dress	1 50
Dec. 8	chemise	50
24	dress, \$1.50; apron, 20c; 2 handkerchiefs, 14c	1 84
	necktie, 5c; pair elastics, 10c	15
	Wm. Kanse, board October 1 to December 31, 92 days	32 88
Oct. 12	2 pair hose, 40c; pair pants, \$2.25	2 65
Dec. 13	pair pants, \$1.75; pair alips, 35c	2 00
14	pair suspenders	20
24	handkerchief	07
	Henry Kellogg, board October 1 to December 31, 92 days	32 88
Nov. 16	2 pair hose 40c; 2 shirts \$1	1 40
Dec. 24	suspenders 20c; handkerchief 7c	27
	Frank Kellogg, board October 1 to December 31, 92 days	32 38
Oct. 1	2 shirts \$1; 2 pair hose 40c	1 40
Dec. 6	pair pants	1 75
24	handkerchief	07
	James Knight, board October 1 to December 31, 92 days	32 38
Oct. 7	pair shoes \$1.10; suit \$4.25	5 35
Dec. 10	2 shirts \$1; 2 pair hose 20c	1 20
16	pair suspenders	20
24	handkerchief	07
	John King, board October 1 to December 31, 92 days	32 88
Oct. 12	2 pair hose @ 20c	40
Dec. 13	pair pants	1 75
	Fredrick Kaminsky, board October 1 to December 31, 92 days	32 88
Oct. 12	2 shirts at 50c	1 00
Nov. 19	pair slippers	85
	John Krafft, board October 1 to December 31, 92 days	32 88
Oct. 20	necktie	05
Dec. 10	pair pants	1 75
14	pair suspenders	20
24	handkerchief 7c; necktie 5c	12
	John Koepple, board October 1 to December 31, 92 days	32 88
Oct. 12	2 shirts @ 50c	1 00
Dec. 24	necktie 5c; handkerchief 7c	12
	Amount carried forward	\$21,191 77

GENERAL ALLOWANCE.

Date.	Items.	Amount.
Amount brought forward.....		\$21,191 77
Wayne County Inmate Asylum, For maintenance, clothing, etc., as follows:		
	Allowed February 23, 1898.	
	Jacob Kehl, board October 1 to December 31.....	\$2 38
Oct. 1	suit.....	4 25
Nov. 19	pair slippers.....	67
Dec. 24	handkerchief.....	32 23
Oct. 1	Joseph Lipka, board October 1 to December 31, 92 days.....	1 40
Nov. 14	2 shirts \$1; 2 pair hose 40c.....	1 40
Dec. 6	cap.....	1 95
24	pair pants \$1.75; suspenders 20c.....	07
	handkerchief.....	32 25
	James Lejoy, board October 1 to December 31, 92 days.....	32 25
13	Leo Lery, " " " 31, 93 ".....	1 75
14	pair pants.....	20
	2 pair hose @ 10c.....	32 25
Oct. 13	Jennie Larrabella, board October 1 to December 31, 92 days.....	10
Dec. 13	2 neckties.....	50
24	2 chemise @ 25c.....	27
	apron, 20c; handkerchief, 7c.....	1 60
	pair shoes.....	32 23
Oct. 7	Francis Lafountain, board October 1 to December 31, 92 days.....	25
14	2 pair hose @ 12½c.....	10
24	2 neckties.....	30
	apron, 20c; pair hose, 10c.....	05
	necktie.....	32 25
Dec. 24	Frank W. Lohr, board October 1 to December 31, 92 days.....	5 07
	suit, \$5.00; handkerchief, 7c.....	32 23
	James D. Livingston, board October 1 to December 31, 92 days.....	32 23
Oct. 14	Mary Mulligan, " " " 31, 92 ".....	10
Dec. 24	2 neckties @ 5c.....	50
	apron, 20c; pair elastics, 10c; 2 cotton vests, 50c.....	32 33
Oct. 14	Mary Mills, board October 1 to December 31, 92 days.....	40
Nov. 3	2 aprons @ 20c.....	1 00
Dec. 24	2 skirts @ 50c.....	54
	2 aprons, 40c; 2 handkerchiefs, 14c.....	22
	1 yard ribbon, 12c; elastics, 10c.....	50
	2 cotton vests @ 25c.....	1 35
	pair shoes.....	32 33
Oct. 8	Ahton Modelick, board October 1 to December 31.....	20
13	2 pair hose @ 10c.....	10
Dec. 3	2 neckties @ 5c.....	1 50
24	2 chemise, 50c; 2 cotton flannel skirts, \$1.00.....	1 84
	dress, \$1.50; apron, 20c; 2 handkerchiefs, 14c.....	32 33
Oct. 7	Georgiana Monnett, board October 1 to December 31, 92 days.....	3 00
8	2 dresses @ \$1.50.....	1 10
14	pair shoes.....	20
Nov. 21	2 pair hose @ 10c.....	1 20
Dec. 24	2 wool vests @ 60c.....	30
	apron, 20c; elastics, 10c.....	32 23
Nov. 14	Cyril C. Methol, board October 1 to December 31, 92 days.....	40
Dec. 6	cap.....	1 75
24	pair pants.....	1 20
	2 wool undershirts @ 60c.....	07
	handkerchief.....	32 35
Oct. 20	Michael Murphy, board October 1 to December 31, 93 days.....	05
Dec. 6	necktie.....	1 75
16	pair pants.....	20
24	pair suspenders.....	27
	2 pair hose, 20c; handkerchief, 7c.....	32 23
14	Wm. G. Morgan, board October 1 to December 31, 92 days.....	20
24	2 pair hose.....	05
	necktie.....	32 23
Oct. 7	Stephen McDonald, board October 1 to December 31, 92 days.....	4 75
Nov. 4	suit.....	1 20
Dec. 24	cap.....	32 23
	2 wool vests @ 60c.....	1 00
Oct. 12	Edward McEwan, board October 1 to December 31, 92 days.....	2 60
10	2 shirts @ 50c.....	2 40
Dec. 14	pair pants, \$1.75; pair slips, 85c.....	32 33
	suspenders, 20c; 2 pair hose, 20c.....	4 75
Nov. 10	Luke Nolan, board October 1 to December 31, 92 days.....	07
Dec. 24	suit.....	
	handkerchief.....	
Amount carried forward.....		\$21,530 75

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed February 23, 1898.</i>		
	Amount brought forward	\$21,830 75
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Mary O'Neill, board, October 1 to December 31, 92 days	\$2 85
Nov. 23	1 wool skirt	75
Dec. 15	2 wool vests @ 60c	1 20
Dec. 24	apron, 20c; 2 pair hose, 50c; elastics, 10c	80
	Harriet Poole, board, October 1 to December 31, 92 days	\$2 38
Oct. 14	2 aprons @ 20c	40
Dec. 24	apron, 20c; 2 handkerchiefs, 14c	34
	1 yard ribbon, 12c; pair shoes, \$1.85	1 97
	2 wool vests @ 60c	1 20
	Ada Purdon, board, October 1 to December 31, 92 days	\$2 38
Oct. 8	2 pair hose @ 10c	20
Dec. 8	2 chemise @ 25c	50
Dec. 24	apron 20c; necktie 5c; pair elastics 5c	33
	Louise Panr, board October 1 to December 31, 92 days	\$2 38
Oct. 14	2 aprons @ 20c	40
Nov. 3	2 aprons @ 20c	40
Dec. 24	apron 20c; pair hose 10c	30
	necktie 5c; 2 cotton vests 50c	55
	Patrick Pryor, board October 1 to December 31, 92 days	\$2 38
	pair pants \$1.75; pair shoes \$1.25	3 00
18	handkerchief 7c; necktie 5c	12
24	Thomas Quick, board October 1 to December 31, 92 days	\$2 38
10	pair slippers	85
	Emma Richmond, board October 1 to December 31, 92 days	\$2 38
Oct. 7	2 pair hose @ 12½c	25
Nov. 3	2 dress waists @ 40c	80
Dec. 24	apron 20c; pair hose 10c	30
	handkerchief 7c; necktie 5c	12
	Barbara Ronlo, board October 1 to December 31, 92 days	\$2 38
Oct. 8	pair shoes	1 10
Dec. 24	dress \$1.50; apron 20c	1 70
	2 handkerchiefs 14c; necktie 5c	19
	Jacob Schedridt, board October 1 to December 31, 92 days	\$2 38
	Henry Schlewa, board October 1 to December 31, 92 days	\$2 38
18	pair slippers	85
14	2 pair hose at 10c	20
24	handkerchief 7c	07
	John C. Smith, board October 1 to December 31, 92 days	\$2 38
Nov. 10	suit	4 25
Dec. 24	handkerchief	07
	Anna Stickney, board October 1 to December 31, 92 days	\$2 38
Oct. 7	2 pair hose @ 12½c	25
Nov. 8	pair shoes	1 10
Dec. 14	2 neckties	10
Dec. 24	dress \$1.50; apron 20c	1 70
	2 handkerchiefs 14c; 1 yard ribbon 12c	26
	necktie 5c; pair shoes \$1.80	1 65
	Lizzie Smith, board October 1 to October 22, 22 days	7 74
Oct. 18	2 dresses @ \$1.50	3 00
22	pair drawers, 30c; pair hose, 10c	40
	shroud	75
	Adaline St. Louis, board October 1 to December 31, 92 days	\$2 38
Dec. 14	2 pair hose @ 10c	20
Dec. 24	apron, 20c; pair hose, 10c; necktie, 5c	35
	Mary Sammerville, board October 1 to December 31, 92 days	\$2 38
24	apron, 20c; pair hose, 10c	30
	necktie, 5c; pair elastics, 10c	15
	Martha Sullivan, board October 1 to December 31, 92 days	\$2 38
Oct. 14	2 pair hose @ 10c	20
Dec. 24	dress, \$1.50; apron, 20c	1 70
	pair hose, 10c; handkerchiefs, 7c; ribbon, 12c	29
	Charles Susick, board October 1 to December 31, 92 days	\$2 38
Nov. 16	2 shirts @ 50c	1 00
Dec. 18	pair pants	1 75
Dec. 14	2 pair hose @ 10c	20
24	handkerchief	07
	John Schaffer, board from October 1 to December 31, 92 days	\$2 38
Oct. 7	pair shoes, \$1.10; suit, \$4.25	5 35
Nov. 14	cap	40
Dec. 12	pair suspenders	30
24	handkerchief	07
	Amount carried forward	\$22,483 62

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed February 28, 1893.</i>	
	Amount brought forward	\$22,433 62
	Wayne County Insane Asylum, For maintenance, clothing, etc., as follows:	
	Adolph Staven, board, October 1 to December 31, 92 days	32 88
Oct. 7	suit	4 75
20	necktie	05
Dec. 16	pair suspenders	20
	Jacob Symanski, board October 1 to December 31, 92 days	\$2 88
Oct. 7	suit	5 75
Dec. 10	2 shirts, \$1.00; 2 pair hose, 20c	1 20
	Carrie Williams, board October 1 to December 31, 92 days	\$2 88
Oct. 18	2 aprons, 40c; 2 dresses, \$3.00	3 40
Dec. 24	apron, 20c; hose, 10c	30
	Mary Moody, board October 1 to December 31, 92 days	\$3 38
Oct. 7	2 pair hose @ 12½c	25
Dec. 24	dress, \$1.50; apron, 20c	1 70
	pair hose, 10c; handkerchief, 7c	17
	Jennie Wright, board October 1 to December 31, 92 days	32 88
Nov. 3	2 aprons @ 20c	40
Dec. 24	2 dresses, \$3.00; apron, 20c	3 20
	pair hose, 10c; handkerchief, 7c; necktie, 5c	22
	Mathias Weiss, board October 1 to December 31, 92 days	\$1 38
Oct. 7	pair shoes	1 10
Dec. 24	necktie, 5c; handkerchief, 7c	12
	John Williams, board October 1 to December 31, 62 days	32 38
Oct. 20	necktie	05
Dec. 24	pair hose, 20c; handkerchief, 7c	27
	necktie	05
	Matliona Zim, board October 1 to December 31, 92 days	\$2 38
Oct. 14	2 pair hose	20
Dec. 24	apron, 20c; hose, 10c	30
	handkerchief, 7c; necktie, 5c	12
	Fred H. Elder, board October 21 to December 31, 72 days	25 84
Nov. 16	2 pair hose, 20c	40
Dec. 18	pair pants, \$1.75; pair slippers, 85c	2 60
24	2 pair hose, 20c; handkerchief, 7c	27
	Edward G. Cooking, board December 30 to December 31, 1 day	35
	Chas. Hasee, For salary as stationer from February 1 to February 28	84 00
	3 days in January	9 00
	Americannus Water Co., For supply of Americannus water for State offices from Jan. 20, 1893, 23 days, 15 gallons per day @ 10c	34 00
	James P. Edmonds, For Walnut street gravel tax on block 249	61 46
	Washtenaw street sewer tax on east ¼ block 124	8 50
	west ¼ " 125	18 40
	Chestnut street gravel tax on block 78	\$7 80
	Shlawassee district sewer 22 on block 78	2 94
	" " " 11 " 78	5 47
	" " " 7 " 78	103 91
	" " " 33 " 79	2 94
	" " " 11 " 79	5 47
	" " " 7 " 79	56 98
	Chestnut district gravel tax on " 79	\$7 80
	Mrs. Florence Betts, For typewritten work for State	2 50
Jan. 27	Ferry & Butts, For 1 leather patent rocker	35 00
30	revolving walnut book case	14 00
Feb. 7	oak	14 00
15	6 walnut office revolving chairs	39 00
	5 yards burlaps @ 6c	30
8	6 walnut office revolving chairs	39 00
	6 Douglas cane seat and back office chairs	21 00
7	1 antique oak folding table	3 50
	1 " adjustable library stand	3 75
Jan. 24	A. M. Emery, For 8½ doz. sheets carbon paper, item 148	2 90
31	1 " standard bill file, 4 in. wide	3 50
	pocket memorandum book	1 00
	2 paper weights, item 88	50
	pen rack, 18c; spindle, 50c	63
	Amount carried forward	\$23,395 67

GENERAL ALLOWANCE

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
	Amount brought forward	\$23,395 87
Feb. 1	A. M. Emery,	
	For 3 doz. pen holders, item 41	2 25
2	1 memorandum book	1 00
6	8½ doz. sheets carbon paper, item 148	2 90
7	2 boxes chalk	30
9	1 gross pen holders, item 42a	2 50
13	1 " Gillotts	85
16	17 doz. standard bill files	50 00
	<i>Allowed March 29, 1898,</i>	
1891	County of Lake,	
Sept. 28	For expenses incurred in the legal investigation of one Mattie Yates, an insane person:	
	1 day serving notice on Osceola county superintendent of the poor.	2 00
	car fare from Forman to Hersey and return	1 10
	hotel bill	1 00
1892		
Jan. 2	paid witness fees	4 25
	sheriff subpoenaing witnesses	8 70
Mar. 10	George L. Hauser,	
	For inquisition on body of a stranger at Charlotte:	
	justice fees viewing body	3 00
	second day	8 00
	docket entries	50
	venire	25
	subpoena	25
	1 mile travel	08
	adjournment	15
	swearing 4 witnesses	40
	six jurors at 2 days each @ \$1.50	18 00
	witness, Geo. E. Gunn, 1 day, 1 mile	85
	" C. H. Welton, 1 " 1 "	85
	" Joe Strother, 1 " 1 "	85
	" J. D. Patterson, M. D. expert	5 00
	H. L. Pollock, constable attending jury	1 25
	care of body 2 days	8 00
Feb. 10	W. H. Wiesand,	
	For expenses incurred in returning children from State Public School at Coldwater to the counties from which they were received: Steven Thomas, Arthur Whitterker and Jesse Woodbury to Flint, Sturgis and Adrian:	
	railroad of Arthur Whitterker to Sturgis	70
	railroad of attendant to Sturgis and return	1 00
	dinner and hack	75
20	railroad fare of Steven Thomas to Flint	3 80
	lodging and hack at Lansing	1 25
21	railroad fare attendant of Jessie Woodbury and return from Adrian	2 95
	hack in Adrian, 50c; hotel, \$1.75	2 25
15	Marin P. Gill,	
	For transferring James Jackson, No. 5169; Frank Stanton, No. 5291, and James Condon, No. 5162, from Jackson to Michigan Asylum for Dangerous and Criminal Insane:	
	railroad fare for self and 3 convicts from Jackson to Ionia	9 00
	3 dinners for convicts at Lansing	75
	1 " " self	50
	1 supper for self at Ionia	50
	1 breakfast for self at Ionia	50
	railroad fare from Ionia to Jackson for self	2 25
9	H. C. Guillott,	
	For transferring Wm. Donahoe and Mary De Palpe from Eastern Michigan Asylum to Michigan Asylum for Dangerous and Criminal Insane at Ionia:	
	railroad fare from Pontiac to Ionia and return for self and three attendants	21 20
	" " " " " " for Donahoe	2 95
	" " " " " " De Palpe	2 95
28	Cyrus G. Luce,	
	For witness fees in the case of State Board of Inspectors vs. Zenas C. Jessops, et al. at Mason	2 00
	2 days @ \$1	6 00
	mileage, 69 miles @ 10c	
25	C. M. Burton,	
	For abstract No. 24375 of title of high school lot	23 80
	Amount carried forward	\$28,594 88

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$23,394 85
Jan. 31 } Feb. 1 }	Samuel W. Burroughs, For 2 days time spent in going to Supreme Court at Lansing from Detroit and return in arguing and submitting the 3 cases, People vs. Smith, People vs. Mills, and People vs. Metzger @ \$10.00.....	30 00
	railroad fare from Detroit to Lansing and return, with chair car.....	5 10
	hotel.....	2 50
	hack 50c, hack Detroit \$1.50, midnight.....	2 00
Mar. 13	Jos. Nicholson, For transferring Ella A. Fisher from Detroit to Ionia: railroad fare to Ionia.....	3 70
	" " and return, self.....	6 65
	2 meals.....	1 00
Feb. 28	transferring William Portelle from Detroit to Ionia, fare.....	3 70
	fare Ionia and return for self.....	6 65
	2 meals.....	1 00
	University Hospital, For board in hospital in case of Earl Hiller: board from November 6, 1892 to February 17, 1893, 13 2-7 weeks @ \$5.....	65 44
Mar. 21	A. Howard Beaver, For conveying William Laughton from Saginaw to State Reform School: hack at Saginaw.....	50
	fare to Lansing, self.....	1 85
	" " boy.....	1 85
	hack at ".....	50
	dinner at Lansing.....	50
	supper at Lansing.....	50
	hack at Lansing to depot.....	25
	fare to Saginaw.....	1 85
	hack at Saginaw.....	25
	compensation.....	3 00
17	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 163, laws 1885: case of Peter Lodebochs disorderly conduct, before O. Stempell, justice of the peace.....	3 00
	car fare.....	10
18	case of Colin Campbell, loafing in saloon, before Otto Stempell, P. J.	3 00
	car fare.....	10
20	case of William Loughton, truancy, before O. Stempell, P. J.	3 00
21	car fare, 10c; Edward Ladebanché, before Stempell, P. J.	3 10
22	Joseph Nihurt, before O. Stempell, loafing in saloon.....	3 00
	car fare.....	10
23	Howard O'Gorman, before Stempell, loafing.....	3 00
24	Frank Waldbauer, before Stempell, assault and battery.....	3 00
	car fare.....	10
25	Julius Dittmar, before Stempell, assault and battery.....	3 00
	car fare.....	10
Jan. 14	Leroy Boynton, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School at Lansing: visiting George Munroe, a ward, living with C. Bruce.....	3 00
	livery, 32 miles.....	3 00
1892 Dec. 17	Geo. B. Congdon, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: visiting home of H. C. McKinley, an applicant for child from State Public School.....	3 00
26	visiting Leonard Forman, a ward of State Public School, living with H. C. McKinley.....	3 00
Sept. 19	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School: visit to Elmira to see Albert Gibbs, a ward of Reform School.....	3 00
	livery, 12 miles.....	1 50
	dinner for self, 50c; horse feed, 25c.....	75
Mar. 25	Ira B. Card, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of Industrial Home for Girls: case of J. C. Van Alteran, applicant for girl from Industrial Home at Adrian services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State School: visiting home of Furnam in case of Louis Fullerton.....	3 00
	livery.....	2 50
	dinner and horse feed.....	75
	Amount carried forward	\$23,785 77

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 23, 1893.</i>	
	Amount brought forward	\$23,920 27
Mar. 23	Henry C. French, For conveying Fred Harper, Claude and Maude Harper, Jason and Abram Jay from Cass county to State Public School: railroad fare for self and assistant, Cassopolis to South Bend, hack transfer at South Bend	1 10 1 00 50
	lunch	4 10
	railroad fare for self and assistant from South Bend to Coldwater half fare for Fred Harper from Elkhart to Coldwater	80 2 00
23	hack, Coldwater	3 00
	hotel bill, Coldwater	50
4	lunch at South Bend	
	Reville H. Fosdick, For services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the superintendent of the State Public School: visiting Guy Green	3 00
	livery hire, 18 miles	1 50
	hotel	50
Feb. 25	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: inspection of jail	3 00
	livery	1 50
	hotel	50
1892	James Gallagher, For services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the superintendent, etc.: investigating home of Melwood Taylor by order and fare by boat to Orville. dinner on boat	2 25 50 50
Sept. 20	supper at Orville	50
	lodging	50
	breakfast, dinner and return fare, railroad and boat	3 75
21	1 day	3 00
Feb. 11	D. B. Green, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: 1 day at Ann Arbor, examination of Lewis Schippicase, for larceny before Butts	3 00 1 50
14	livery	3 00
	1 day at Ypsilanti, examination of Ada May Holdridge, disorderly, before W. P. Bench, justice of the peace	3 00
17	inspecting jail, Ann Arbor	3 00
	fare, Ann Arbor and return	80
20	1 day at Saline, examination of Elroy Briggs	3 00
	fare, Saline and return	80
Mar. 14	1 day Ann Arbor, examination of Josie Hopkins for assault and battery, before E. P. Pond, justice of the peace	3 00
	2 fares to Ann Arbor and return	60
20	1 day at Ann Arbor, examination of May Raub, truant and disorderly, before E. P. Pond, justice of the peace	3 00
	fare and return	30
15	1 day at Ypsilanti, examination of David A. Tams, truant and disorderly, before Bogardus, justice of the peace	3 00
18	James Gillespie, For expenses incurred in conveying William Edwards and Ralph Edwards from Wayne county to State Public School, Coldwater: railroad fare from county house to Ypsilanti	75
14	staying over night at Ypsilanti	1 75
	railroad fare from Ypsilanti to Hillsdale	2 80
	fare from Hillsdale to Coldwater	1 05
	dinner at Hillsdale	1 00
	bus fare from depot to school	75
	hotel bill at Coldwater	1 50
15	fare from Coldwater to Jonesville	55
	" " Jonesville to Jackson	75
	" " Jackson to Ypsilanti	1 40
	dinner at Ypsilanti	50
	fare from Ypsilanti to county house	45
13	Wm. Glanville, For expenses incurred in conveying Allie May Moore, from Newaygo county to State Public School, Coldwater: livery	2 50
15	fare from Newaygo to Coldwater	4 35
	railroad, $\frac{1}{2}$ fare from Newaygo to Coldwater	2 20
	bus 50c, hotel \$2.25	2 75
	Amount carried forward	\$24,008 12

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 16	Amount brought forward	\$24,008 12
	Wm. Glanville,	
	For hotel 75c; bus to school 75c; hotel \$1.35	2 75
	railroad fare returning	4 25
	hotel expense, Grand Rapids	50
Feb. 16	D. B. Greene,	
	For services and expenses relating to the indenture, adoption, or visiting of	
	children by direction of the superintendent of the State Public School:	
	inspecting home of Fred Mahell, an applicant for girl from State Public	
	School	3 00
	railroad fare, Ypsilanti to Bridgewater station and return	95
	livery	1 00
21	Wright Havens,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 188, laws of 1885:	
	inspection of jail	3 00
Jan. 28	W. B. Horton,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 188, laws of 1885:	
	Julius Echhoff, assault and battery, before Morris, justice of the peace	3 00
26	horse, \$1.50; feed, 25c; dinner, 25c	2 00
28	dinner	25
Feb. 3	Sam Fox, Henry Myers, and Dell Mackey, disorderly, before Morris, justice	
	of the peace	3 00
	horse and feed, \$1.25; dinner, 25c	1 50
20	Louisa Vinty, truancy, before Morris, justice of the peace	3 00
	dinner	25
24	inspecting jail	1 50
27	conveying Louisa Vinty from Manistee to State Industrial Home for Girls:	
	bus, Manistee	50
	fares, Manistee to Adrian for two	14 30
	lunches at Saginaw	50
	hack at Adrian	1 50
	supper and lodging at Adrian	1 00
28	breakfast	50
	lunch	25
	fare Adrian to Manistee for self	7 40
	bus at Grand Rapids	25
	supper and lodging	1 00
29	breakfast, 50c; bus, 25c	75
	3 days	9 00
June 25	Wm. M. Hathaway,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Public School:	
	visiting Clara Gleyborn	3 00
	expense of car fare, 5c; and toll, 10c	15
	livery 24 miles	3 00
	stationery and car fare	11
27	Melina Evener, visiting home at Ada	3 00
	car fare	10
	railroad fare Ada and return	60
	livery at Ada into country	1 50
	supper at Ada	25
	stationery	05
	" for this report	05
	investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 188, laws of 1885:	
24	John Deryke, police court, larceny	1 50
	street car	20
	Edgar Reeves, police court, larceny	1 50
	street car	25
26	Albert Halhart, circuit court, larceny	1 00
	street car	10
	Alice Hibner, circuit court, truancy	1 00
	street car	10
28	Estella Ademekey, police court, larceny	3 00
	street car	20
	stationery	05
Feb. 13	Thomas Keyes,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent of the Reform School:	
	investigating the home of Yonis Welfare, an applicant for boy from the	
	Reform School	3 00
	livery in above case	3 00
	dinner and team feed	1 00
	Amount carried forward	\$24,098 23

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$24,086 23
Feb. 28	C. Larseleers, For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 183, laws of 1885:	
	inspecting jail	3 00
	livery, 20 miles	1 50
	dinner, 50c; horse feed, 25c	75
23, 24	investigating charges against Lovel and Porter Bryant, before H. C. Harrison, J. P.	3 00
	livery, 20 miles	1 50
	dinner and horse feed	50
	conveying Porter and Lovel Bryant to the Reform School, from Cassopolis: bus to depot for self and boy	75
	fare, Cassopolis to Lansing, both	4 00
	bus, Lansing	1 00
	hotel, Lansing	1 50
	fare, Lansing to Dowagiac	2 75
	bus, Battle Creek	25
	dinner, Battle Creek	50
	two days' time	6 00
1892	Marvin La Core,	
July 18	For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: visiting home of Richard Graning	3 00
	team	1 00
1893		
Feb. 8	visited home of Willie Wilder	3 00
	team	1 00
21	started for Sutton Bay to investigate home of Lewis Larson, use of team	1 50
	dinner for self and team	50
	supper and lodging for self and team	1 00
22	breakfast for self and team	50
	visited home of Lewis Larson	3 00
	team	1 50
	dinner for self and team	50
	supper and lodging, self and team	1 00
23	breakfast and dinner, " " "	1 00
	use of team	1 50
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 183, laws of 1885:	
20	attended trial of Katie Blozinger	3 00
	use of team	1 50
	dinner for self and team	50
	conveying Katie Blozinger from Empire to State Industrial Home for Girls:	
27	2 stage fares, Empire to Lake Ann	2 00
	2 dinners	50
	2 fares to Grand Rapids	8 40
28	2 " Grand Rapids to Adrian	8 10
	breakfast Grand Rapids	50
	dinner at Sturgis	50
	hack transfer	1 00
	fast mail from Sturgis to Adrian, extra	1 00
	hack, Adrian	1 50
	supper	25
	railroad fare, Adrian to Jackson	1 35
Mar. 1	hotel, Jackson	1 00
	railroad fare Jackson to Lansing	1 10
2	" " Lansing to Traverse City	6 25
	lunch at Grand Rapids	25
	supper, lodging and breakfast, Oriental hotel	1 00
Feb. 27	1 day	3 00
28	1 "	3 00
Mar. 2	1 "	3 00
3	1 "	3 00
Feb. 6	Benoni Lachance,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the Superintendent of the Reform School:	
	investigating home of John Boursan of St. Ignace	3 00
	fare from Mackinac Island to St. Ignace	50
	dinner, supper and lodging, St. Ignace	1 50
7	breakfast and dinner, St. Ignace	1 00
	fare St. Ignace to Mackinaw Island	50
	Amount carried forward	\$24,203 43

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$24,815 68
Feb. 23	Alexander P. McManamy, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial Home for Girls: investigating home of Mrs. E. Winkworth, an applicant for a child from Industrial Home	3 00
	railroad fare in above case 24 miles	65
Jan. 11	dinner	25
Feb. 8	visiting Clarence Landon, a ward, \$3.00; fare, 65c; dinner, 25c searching for Frank Green's home, a ward, railroad fare	3 90
	dinner	65
	visited Frank Green, \$3.00; livery \$3 miles, \$3.00; dinner and feed, 75c	25
11	investigating home of George Solomon, an applicant for child	6 75
Mar. 1	Perry C. Shaddock, an applicant for child from State Public School	3 00
	livery 8 miles	1 50
Feb. 18	C. A. Merrill, For conveying Connie Managan and Henry Stirner from Kalamazoo to State Re- form School: hack from jail to depot	75
	railroad fares from Kalamazoo to Lansing	6 15
	" fare from Lansing to Battle Creek	80
	transfer at Battle Creek	25
	supper	50
	railroad fare Battle Creek to Kalamazoo	70
	one day	3 00
21	C. A. Merritt, For conveying Earl Lewis Brocker, Cland West and Arthur West, from Eaton county to State Public School: one fare and two one-half fares from Charlotte to Coldwater	4 20
	hack at Eaton Rapids	25
	lunch for four	80
	hack at Coldwater	1 00
	hotel at Coldwater	1 50
22	hack to depot	25
	return fare	2 10
	hack at Eaton Rapids	25
	supper at Eaton Rapids	50
28	Alfred Mead, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885: inspection of jail	3 00
Mar. 6	Albert Miller, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885: case of George Sharon	3 00
	hack to West Bay City	1 00
14	Case of George Fournier and Henry Reno	3 00
	hack	50
	cases of Herbert and Herman Toland, Isadore Pudvan and Robert Huldars. hack, \$2.00; case of Levi Morse, \$3.00; hack, \$1.00	3 00
16	A. W. Moshier, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School: investigating case of Eugene Comley, a ward	3 00
	livery, 25 miles	1 80
	dinner and horse feed	50
17	investigating home of Mr. Marlett, an applicant for a ward	3 00
	livery, 38 miles	1 50
	horse feed	25
Feb. 16	investigating home of Mr. Shutters, an applicant for a ward from State Public School	3 00
	livery, 17 miles	1 50
	postage, envelopes and postal cards from December 21, 1892, to February 17, 1893	70
18	going to Paw Paw with Bertha Reed, a ward of the State Public School, to appoint a guardian	3 00
Mar. 2	visiting Barney Sparks, a ward of State Public School	3 00
	livery	1 50
17	Carrie Mosher, For conveying Frank Reichart from Mecosta county to State Public School at Coldwater: hack at Big Rapids	50
	Amount carried forward	\$24,404 18

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$24,404 18
Mar. 17	Carrie Mosher.	
	For fare to Grand Rapids for self and child	2 55
	hack, Grand Rapids, to and from depot	1 00
	dinner at Grand Rapids	70
	fare, Grand Rapids to White Pigeon, for both	8 70
	fare, White Pigeon to Coldwater	1 45
	board and lodging for both at Coldwater	2 50
18	hack to school	50
	fare to White Pigeon, 95c; fare, White Pigeon to Grand Rapids, \$2.45	3 40
	hack to and from depot	50
	supper	35
	fare, Grand Rapids to Big Rapids	1 70
	hack, Big Rapids	25
Feb. 19	W. H. McCartney,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
	inspecting jail, Charlevoix	3 00
14	Geo. McCarthy,	
	For conveying James Perry from Gladstone to State Reform School:	
	stage from Gladstone to Escanaba	1 50
	board, Escanaba, for boy	1 00
15	bus to depot	50
	2 fares, Escanaba to Chicago	19 70
	supper on train	1 00
	sleeper	2 50
16	transfer, Chicago	1 00
	2 breakfasts, \$1.00; 2 fares Lansing, \$10.10; dinner on train, \$1.50	12 60
	hack, Lansing, 75c; supper, 50c	1 25
17	fare, Lansing to Chicago	5 05
	sleeper	2 00
18	hack to hotel, Chicago	50
	breakfast dinner and supper	1 50
	fare, Chicago to Escanaba, \$9.85; sleeper, \$2.50	12 35
19	breakfast at Marinette	50
	bus at Escanaba, 25c; four day's service, \$12.00	12 25
Mar. 6	Daniel C. Wachs,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
	case of Wm. Abbott before J. K. Bennett	8 00
	fare from Grand Haven to Harrisburg and return	2 10
	livery to Conklin and return, 4 miles	1 00
	dinner and supper at Harrisburg	50
	visiting county jail	8 00
1892	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent, etc.:	
Dec. 23	visiting T. A. Parrish at Willie Gillott's	3 00
	" home of Willie and Reno Fritz	8 00
Feb. 15	" Ida May Wallace	3 00
	car far to Berlin and return	1 20
	livery 4 miles	1 00
	dinner	25
Mar. 9	visiting home of Fred J. Linte	3 00
	car fare to Holland and return	1 20
	livery and supper	1 80
17	visiting James Fitzpatrick at the home of Ed Chapin	3 00
	car fare to Dennison and return	80
7	conveying William Abbott from Ottawa county to State Reform School:	
	fare for Abbott from Harrisburg	2 15
	fare from Grand Haven to Lansing and return	6 10
	dinners, Ionia	70
	lodging and breakfast at Grand Rapids	1 00
	2 days	6 00
	Henry C. Harmon,	
	For fees and expenses in holding an inquisition on the body of Milo E. Boyer, a non-resident found dead at Caseopolis on the 10th day of February, 1898:	
	viewing body	8 00
	traveling 1 mile	08
	venire	25
	2 subpoenas	50
	swearing 5 witnesses	50
	taking testimony, eight folios	80
	W. H. Coulter, sheriff fees	2 58
	six jurors fees @ \$1.50 each	9 00
	witnesses fees and mileage, 4 at 85c and 1 at \$1.85	5 25
	Amount carried forward	\$24,569 22

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1888.</i>	
Mar. 8	Amount brought forward	\$24,589 22
	John O'Gorman.	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating the home of Katie C. Smith, an applicant for the return of her child from school	3 00
	hack, 50c; fare to Cheesaning, 63c	1 15
	dinner, 50c; supper, 50c, at Cheesaning	1 00
	fare return to Saginaw	65
	hack at Saginaw	50
20	visiting to house of Warren Campbell and E. E. Bay at Birch Run, applicants for wards	3 00
	hack fare at Saginaw	50
	railroad fare to Birch Run	50
	livery at Birch Run, 14 miles	2 00
	dinner " "	50
	supper " "	50
	fare, return to Saginaw	50
	hack at Saginaw	50
10	visiting home of Henry McFarland, an applicant for ward from State Public School	3 00
	hack at Saginaw	50
	fare to Burt	40
	livery at Burt to Montrose, 14 miles	2 00
	dinner at Teymouth, 50c; supper at Burt, 35	85
	railroad fare return to Saginaw	40
	hack at Saginaw	50
13	visiting the home of Mrs. McCormick, Cheesaning, who has a ward of State Public School	3 00
	hack at Saginaw	50
	railroad fare to Cheesaning	65
	dinner and supper at Cheesaning	1 00
	railroad fare to Saginaw	65
	hack at Saginaw	50
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 163, laws of 1885:	
Feb. 22	investigations of Daniel Gilmore, larceny, and car fare	3 20
	" " Albert Leho, larceny, and dinner	3 50
24	" " B. Stewart, bad language on streets, and dinner	3 50
Mar. 11	" " Chas. Wagner, truancy, and car fare	3 20
13	" " Jas. Butterfield, larceny, and dinner	3 50
14	" " Henry Lonsend, larceny	3 00
15	" " Frank Lonsway, larceny	3 00
16	" " Wm. Dunn, larceny	3 00
17	" " Dophis Blondon, larceny	3 00
18	" " John Beauchamp	3 00
Feb. 27	inspecting jail, and dinner, Taylor House	3 50
22	Joseph H. Parsons.	
	For conveying Floyd Wm. Hunt from Muskegon county to State Public School: railroad fare to Coldwater and return	3 00
	bus to school	75
14	Alanson Partridge.	
	For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 163, laws of 1885:	
	case of Wm. B. Collins and Mary West, larceny	3 00
	railroad fare to Pontiac and return	50
	dinner at Pontiac	50
15	case of Harry West, bound over to circuit court	3 00
	dinner at Hodges House	50
	railroad fare to Pontiac and return	50
28	inspecting jail	3 00
	railroad fare to Pontiac and return	50
	dinner	50
Jan. 31	services and expenses relating to the indenture, adoption, or visiting of children by direction of the superintendent of the State Public School: visiting home of Thos. Little, an applicant for child	3 00
	railroad fare to South Lyons and return	1 80
	dinner and supper at South Lyons	1 00
Feb. 9	investigating home of Elizabeth Kyle, an applicant for child	3 00
	livery 20 miles	1 00
Mar. 14	visiting home of F. Osine, charged with misusing Willie Malone, at same time visiting home of D. S. Barrett, an applicant for child	3 00
	railroad fare to Clyde and return	2 15
	dinner and supper, Clyde	70
	lodging and breakfast, Holly	1 00
	Amount carried forward	\$24,670 87

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$24,670 87
Feb. 21	M. B. Pettit. For conveying Ernest Crippen from Ithaca to State Reform School: hack jail to depot	20
	railroad fare for both to Lansing	3 50
	dinner for both at Owosso	80
	railroad fare Lansing to Ithaca	1 75
	supper at Owosso Junction	50
	bus at Ithaca	10
	1 day	3 00
Jan. 25	Charles M. Boon. For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Etta Mand Beesby, charged with truancy	8 00
	livery 6 miles	1 00
21	case of Annie Petrie, charged with truancy	3 00
	livery 12 miles	1 50
	dinner at Corunna	50
Feb. 24	case of Carrie Milnion, truancy	8 00
	car fare from Owosso to Bancroft and return	1 00
	dinner and supper at Bancroft	1 00
21	inspecting jail at Corunna	3 00
	livery 3 miles	50
	dinner and horse feed	85
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
Jan. 27	visiting of Robert Moor, an applicant for child	8 00
	livery, 31 miles	2 50
	dinner and horse feed	75
Feb. 18	visiting home of L. G. Woodworth, an applicant for boy from State Public School	3 00
	livery 12 miles	2 00
	dinner and horse feed	75
Mar. 2	visiting Stella Crepps, a ward of State Public School	8 00
	livery 16 miles	2 00
	dinner and horse feed	75
7	visiting M. F. Goodline and settling with him for Stella Crepps and removing her to my home	8 00
	livery 16 miles	2 00
	dinner and horse feed	75
Jan. 19	home of Claud Ketcham, a ward State Public School	3 00
20	Frank Thomas, a ward	8 00
28	home of Dr. J. Van Riper, an applicant for boy	8 00
	livery 36 miles	3 00
	dinner and supper	1 00
	horse feed	50
Feb. 10	home of J. W. Drain, an applicant for boy	8 00
	livery 12 miles	2 00
	dinner and feed for horse	75
17	home of Fay Chubb	3 00
	livery	1 00
Mar. 3	home of N. S. Race, an applicant for boy	3 00
	livery	2 00
6	home of John Lockwood	8 00
	livery 36 miles	1 00
	hotel bill at Morrice	1 50
2	conveyed James Cramer to J. W. Drain's home	1 50
	livery 12 miles	
Feb. 27	conveying Carrie Milnion from Owosso to State Industrial Home for Girls: railroad fare from Owosso to Adrian	6 10
	2 suppers at Milan, \$1.00; lodging and breakfast at Adrian, \$2.00	3 00
	hack to school, \$1.50; hack at Owosso, 75c	2 25
Mar. 1	dinner at Jackson	50
	supper at Lansing	25
	railroad fare from Adrian to Owosso	8 25
	two days	6 00
Feb. 24	car fare from Bancroft to Owosso for girl	50
	conveying Annie Petrie from Owosso to State Industrial Home: hack at Owosso	75
2	railroad fare from Owosso to Adrian for both and return	10 05
	dinner at Jackson	1 00
	hack from depot to School	1 50
	supper at Adrian	1 00
	street car	10
	Amount carried forward	\$34,797 17

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$24,797 17
Feb. 2	Chas. M. Race,	
3	For lodging and breakfast at Jackson	1 00
	dinner at Lansing	50
1	two day's service	6 00
	went after girl and brought her to my home	3 00
	livery 20 miles	2 50
	dinner for both	70
	horse feed	40
Mar. 20	T. Marcus Snow,	
	For conveying Frank Williams from Muskegon to State Reform School:	
	fare for self to Lansing and return	6 50
	boy	2 25
	two dinners at Grand Rapids	80
21	supper, lodging and breakfast at Grand Rapids	1 25
	two days' service	6 00
Jan. 19	Edward Taylor,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Public School:	
	visited Agnes Mitchell, \$3.00; livery and dinner, \$1.85	4 85
27	" Irene May Weller, \$3.00; livery, dinner and supper, \$2.70	5 70
	the home of Charles Roney and placed Flora Prosser in their care	6 00
28	" dinner and supper	80
30	" Louis Chipman	2 00
Feb. 2	" Della Loomis and Lillie Hodges	2 00
	conveyance, \$2.00; dinner and supper, 70c	2 70
3	visited Verner Hulbert	3 00
	conveyance, \$1.50; dinner, 35c	1 85
4	visited George Hamee and Miner Sweet, Leoni township	3 00
	conveyance, \$2.00; dinner and supper, 70c	2 70
15	visited Hattie Bronson	3 00
16	" Cora Boyce and Willie Homernerding, and Mr. Thomas, of Leoni,	
	\$3 00; livery, \$3.00; dinner and supper, 70c	6 70
24	" Stella Tevens	3 00
18	" home of Cornelius D. Horton	3 00
	livery, \$3.00; dinner, 35c	2 35
21	investigated home of Fred M. Schneider	3 00
	livery	1 00
23	visited Effie Long	3 00
	conveyance, \$2.50; dinner and supper, 70c	3 20
26	visited Sam Bailey and Arthur Tandick	3 00
	conveyance, \$1.90; dinner and supper, 70c	2 60
Mar. 16	visited Valentine Bindel, Jacob Bindel and Willie Duke	3 00
	railroad fare to Albion and return	1 20
	conveyance, \$2 00; dinner and supper, 70c	2 70
1	W. L. Thoms,	
	For conveying John W. Mable and Lulu L. Moss from St. Joseph county to	
	State Public School, Coldwater:	
	livery	2 00
	railroad fare, Nottawa to Sturgis	55
	hack transfer	75
	dinner at Sturgis	1 00
	railroad fare, Sturgis to Coldwater	1 40
	hack to School	1 25
	stage, Coldwater to Union City	75
	supper at Union City	50
	railroad fare, Union City to Centreville	65
	hack, Centreville	15
21	conveying Geo. Worthington from St. Joseph county to State Public School	
	Coldwater:	
	livery to Nottawa	1 50
	railroad fare to Sturgis, 1 and ¼	40
	hack	50
	dinner at Sturgis	1 00
	railroad fare, Sturgis to Coldwater, 1 and ¼	1 05
	hack to School	1 00
	stage from Coldwater to Union City	75
	supper at Union City	50
	railroad fare from Union City to Centreville	65
	hack, Centreville	25
Jan. 7	Geo. H. Turner,	
	For services and expenses relating to the indenture, adoption, or visiting of	
	children by direction of the superintendent of the State Reform School:	
	visiting Willie Calkins, a ward of Reform School, living with Lorain Cooper	
	of Fenton	3 00
	Amount carried forward	\$24,925 82

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$24,925 82
Jan. 7	Geo. H. Turner, For livery, 37 miles	2 00
Mar. 4	dinner, 50c, and feed for horse, 25c	75
	investigating home of Michael Nolan, an applicant for child from State Reform School	3 00
Jan. 17	livery, 16 miles	2 00
	investigating home of Michael Malloy, an applicant for boy from State Public School	3 00
	livery, 25 miles	2 00
21	dinner, 25c; feed for horse, 25c	50
22	investigating the home of Mr. and Mrs. Foles, an applicant for boy from State Public School	3 00
11	investigating home of Mrs. Cornwell, applicant for boy, and livery 16 miles	5 00
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 183, laws of 1886:	
	investigating the arrest of Chas. Hewitt, Fred Taylor, Eddie Bijan, before Green, justice of the peace, for disturbing religious meetings	3 00
	livery 30 miles	2 00
23	dinner and feed for horse	75
	investigating the arrest of Cecil Lewis, of Fenton, before justice of the peace, Waite	3 00
	livery 30 miles	2 00
Mar. 4	dinner and horse feed	75
Feb. 11	investigating arrest of Thomas Nesbitt, before Stephenson, justice of the peace, of Flint	3 00
	inspecting jail	3 00
	conveying Thomas Nesbitt from Flint to Industrial Home for Boys:	
	railroad fare Flint to Lansing both, and return for self	3 98
	hack, Lansing	75
	supper, Lansing	25
	fee	3 00
20	H. A. Vennema, For conveying Frank and David Perry and Chas. G. Fitzpatrick, from Menominee county to State Public School:	
21	fare for 3, Menominee to Coldwater	24 06
	breakfast for 4	1 00
	dinner for 4	1 00
	extra fare, short distance for boy	50
22	hack at Coldwater	1 50
	supper, lodging and breakfast	2 50
	hack to depot	50
23	return fare to Menominee	12 06
10	dinner, supper, lodging and breakfast	3 00
	Daniel Walters, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 183, laws of 1886:	
	case of Herbert Clyde and Ernest Boatman, charged with disturbing public school	3 00
Mar. 7	livery	1 50
	inspecting jail at Charlotte	3 00
	railroad fare to Charlotte	30
	" " return to Eaton Rapids	30
11	dinner and supper at Charlotte	50
	case of Ernest Dubois, truancy	3 00
	railroad fare from Eaton Rapids to Charlotte and return	55
	hack at Charlotte	50
	railroad fare from Charlotte to Olivet and return	32
	dinner at Olivet	25
	hack at	25
	supper at Charlotte	50
	services and expenses relating to the indenture, adoption, or visiting of children by direction of the superintendent of the State Public School:	
Feb. 14	investigating home of Warren Shaul, an applicant for ward	3 00
	railroad fare from Eaton Rapids to Charlotte and return	55
25	dinner at Charlotte	50
	Jacob Walton, For conveying Maud Dixon from Cheboygan to State Industrial Home for Girls, Adrian:	
	railroad fare from Cheboygan to Detroit for two	16 30
	lunch at Grayling	50
	dinner at Bay City	1 00
Mar. 1	hotel bill at Detroit	3 00
	railroad fare from Detroit to Adrian for two	8 70
	Amount carried forward	\$25,061 02

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
	Amount brought forward	\$25,061 02
Mar. 1	Jacob Walton, For hack to School	1 50
	dinner, supper, lodging and breakfast	2 25
2	railroad fare from Adrian to Detroit	1 05
	breakfast and dinner at Detroit	1 00
3	railroad fare from Detroit to Cheboygan	8 15
	supper at Bay City, 50c; lunch at Grayling, 25c	75
	three days	9 00
Feb. 25	Chas. W. Whitehead, For services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the superintendent of the State Public School: home of Edwin Sharin and wife, applicant for child	3 00
	car fare to Sodus and return, 50c; livery, 50c; supper, 25c	1 25
18	investigating home of C. E. Hollis, an applicant for girl from Industrial Home for Girls	3 00
Mar. 9	investigating case of Geo. Cook, charge truancy	3 00
16	case of Lucy Arborr, Three Oaks	3 00
	fare Benton Harbor to " "	1 30
	dinner at Three Oaks	25
	transfer at Niles	25
	fare, Three Oaks to Benton Harbor	1 25
	supper, New Buffalo	25
Feb. 20	conveying Daisy Mitchell from Niles to State Industrial Home for Girls: railroad fare Benton Harbor to Adrian	4 60
	" Niles to Adrian for girl	3 80
	transfer at Elkhart	50
	dinner for both	50
	transfer to home and return	2 00
	supper, lodging and breakfast at Adrian	1 50
21	railroad fare, self, Adrian to Benton Harbor	4 60
	transfer, Elkhart	50
	dinner	50
	two days' service	8 00
Mar. 28	Chas. Haase, For salary as legislative stationer, from March 1 to April 1, 31 days	93 00
25	Charles C. Hopkins, To apply on fees for certifying return to Supreme Court, United States, in cases of State of Michigan vs. F. & P. M. Railroad Co. (2,070 folios)	75 00
Feb. 20 to 25	W. D. Fuller, For postage on proof to Lansing, from Grand Rapids	1 75
	express on records, briefs, etc., to and from Lansing	1 80
	postage at Lansing	60
	telephone to Lansing	50
Mar. 30	Americanus Water Co., For supply of Americanus for State officers from February 22, 1893, to March 31, inclusive: 640 gallons, \$2 days, @ 10c	64 00
Jan. 27	Robson Bros., For 22 yards body brussels, modal, @ \$1.40	30 80
	1½ " 8x4 linoleum @ \$2.00	3 34
	Mrs. Sophia Brewer, For compensation allowed by Board of State Auditors for the death of her son, David Brewer, while in line of duty as a member of Company D, 3d Regi- ment, Michigan State Troops, in August, 1892	3,000 00
	Fred C. Harvey, For damages on account of injuries sustained August 23, 1892, at Camp Winans, while in service of the State, as a private in Company D, 4th Infantry, Michigan State Troops	1,250 00
	<i>Allowed April 26, 1893.</i>	
Apr. 17	Isaac F. Lamoreaux, For service of summons of Gilbert R. Osmon in case of State vs. Dix, et al., one of the defendants in said case	1 10
Mar. 4	Royal A. Hawley, For services in habeas corpus proceedings under section 9807a Howell's Statutes, ¼ day	5 00
1	W. H. Wieand, For visiting wards of the State Public School in Grand Rapids and returning Mary Sampson from Grand Rapids, railroad fare Coldwater to Grand Rapids	2 70
2	street car, 80c; hack, 25c; hotel, \$2.50	3 05
	railroad Grand Rapids to Coldwater, \$2.70; supper, 50c	3 20
	Amount carried forward	\$29,662 61

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$29,662 61
Mar. 16	W. H. Wisand, For taking 4 boys to Cheesaning and Fowler, railroad fare and hack	3 15
	breakfast Hillsdale, 35c; dinner at Owosso, 50c	85
17	hotel, Owosso, \$1.50; hack, 25c; fare to Lansing, 80c	2 55
	dinner and hack at Lansing	75
18	railroad fare, Lansing to Coldwater, \$1.65; hotel, \$1.50	3 15
30	returning Pearl Hansen from Detroit, hack	25
	hotel	1 50
Feb. 10	Mrs. W. H. Wisand, For one day returning to counties	2 00
16	Coldwater to Vernon city by team, keeping same	50
	railroad, Vernon City to Niles, \$1.25; hack and hotel, \$1.25	2 50
	railroad, Niles to Lawton, 65c; Lawton to Paw Paw and return, 80c	95
17	hack and hotel, Paw Paw, \$1.25; Lawton to Kalamazoo	1 80
	dinner and hack, Kalamazoo, \$1.00; to Coldwater, \$1.44	2 44
	suppers at White Pigeon	50
	2 days' salary	4 00
20	Coldwater to Lansing, \$1.65; hack and hotel, \$2.00	3 65
21	railroad Lansing to Alger, \$2.36; dinner and hack, Owosso, 75c	3 11
	supper at Bay City, 50c; Alger to Harrisonville and return, \$4.00	4 50
22	hotel, \$1.00; Alger to Detroit, \$3.00	4 00
	dinner at Bay City, 50c; hotel and hack, Detroit, \$3.50	4 00
24	railroad, Detroit to Coldwater	2 60
	5 days' salary	10 00
Mar. 2	railroad, Coldwater to Grand Rapids, \$2.60; hack and hotel, \$2.25	4 85
	" Grand Rapids to Grand Haven, 90c; transfer, 25c	1 15
	" Grand Haven to Muskegon, 50c; hotel and hack, \$2.50	3 00
	" Muskegon to Allegan	1 75
4	hack and dinner, Allegan	75
	railroad fare, Allegan to Coldwater	1 95
	supper, White Pigeon	50
	3 days' salary	6 00
8	railroad, Coldwater to Owosso, \$2.20; supper and hack, Lansing, \$1.00	3 20
9	hotel and hack, Owosso, \$1.75; Owosso to Cadillac, \$3.70	5 45
	dinner, Clare, 50c; supper Cadillac, 50c	1 00
10	railroad, Cadillac to Coldwater, \$4.65; hotel and hack, Grand Rapids, \$2.50	7 15
	supper and transfer, Sturgis	75
	3 days' salary	6 00
16	railroad, Coldwater to Pontiac and return	6 20
17	hotel and hack, \$2.00; transfer and dinner, Jackson, \$1.00	3 00
	2 days' salary	4 00
29	railroad Coldwater to Bay City, \$3.20; transfer and supper, Lansing, 75c	3 95
30	hotel and hack, Bay City, \$2.00; Bay City to Beaver Lake and return, \$2.45	4 45
	dinner, 50c; hotel and hack, Bay City, \$2.00	2 80
31	railroad, Bay City to Coldwater, \$3.30; lunch, Jackson, 25c	3 55
	3 days' salary	6 00
Apr. 3	railroad, Coldwater to Traverse City, \$5.50; hotel and hack, Grand Rapids, \$2.00	7 50
4	dinner at Traverse City, 50c; railroad to Coldwater, \$5.65	6 15
5	hotel and hack, Grand Rapids, \$2.50; supper, White Pigeon, 50c	3 00
	3 days' salary	6 00
10	railroad, Coldwater to Benton Harbor and return	4 85
	hotel and hack, Elkhart	1 50
	1 day	2 00
12	railroad, Coldwater to Battle Creek	3 14
13	hotel and hack	1 75
	2 days	4 00
11	The Calvert Lithographing and Engraving Co, For engraving	1 00
	1,000 letter heads, 8 $\frac{1}{4}$ x11; 1,000 letter heads, 8 $\frac{1}{4}$ x5 $\frac{1}{2}$, on Scotch linen ruled and blocked	10 50
	1,000 envelopes, 106-6 $\frac{1}{2}$, all for senate chamber	5 00
14	Bradner, Smith & Co., For 400 sheets, No. 230, embossed Bristol; 400 sheets, No. 307, embossed Bristol @ \$6.50	52 00
6	Callaghan & Co., For Harrington, 1 vol.; Walker, 1 vol.; Douglas, 2 vol., Michigan 1 to 22, 22 vols., 28 vols.	78 00
11	Smith, Premier Typewriter Co., For 1 Smith, Premier Typewriter	\$95 00
	1 No. 017 cabinet	45 00
	2 ink bottles	5 00
	Less \$10	\$145 00
	Amount carried forward	\$30,519 58

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$30,519 93
Apr. 11	J. O. Post, For capture and return of escaped patient, James Haskins, from Michigan Asylum for Dangerous and Criminal Insane	5 00
26	Thomas Cooley, For counsel fees in mandamus case of Barkworth vs. Tateum and Miller, speaker and clerk of the house of representatives	500 00
	counsel fees in mandamus case of Turnbull vs. Giddings and Alward, president and secretary of the senate	500 00
18	Kalamazoo Paper Co., For 25 bds. 73.14 rms. 37x40—80, 8 and 8, C, white 5896 lbs @ 5½¢	389 02
Jan. 23	Geo. W. Armitage, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating application of George Cursoon	3 00
	livery, \$1.50; dinner for self and horse, 50c	2 08
27	investigating application of Miss Hattie E. Peters	3 00
Feb. 4	visit to Saddle Milton	8 00
	livery, \$1.50; dinner, 50c	2 00
7	placing Saddle Miller with George Cursoon	8 00
	livery, \$1.50; dinner, 50c	2 00
9	investigating application of S. P. Heundershot	3 00
	livery 6 miles	75
21	visit to Eliza Cadette	3 00
	livery 15 miles	1 00
23	visit to Willie Oliver	3 00
	livery 20 miles	1 50
Mar. 26	visit to Annie Colwell	8 00
18	investigating application of Edward Rhinehart	3 00
	livery 10 miles	1 00
20	investigating application of Jacob M. Holser	8 00
	livery, \$1.50; dinner, 50c	2 00
27	visit to Frank Gibbert	3 80
	livery 6 miles	75
28	investigating application of S. S. Stiener	3 00
	livery 16 miles	1 00
30	investigating application of Eli Jacobs	3 00
	livery, \$1.50; dinner, 50c	2 00
Apr. 18	visit to John Lewis	3 00
	livery 14 miles	1 00
7	visit to Walter Schaffer for Reform School superintendent	3 00
Feb. 6	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Peter Noble for larceny	3 00
3	James Anderson, For conveying Mollie Steward, Rosie Hart, William Hart and John Hart, from Midland county to State Public School: transportation from Midland to Coldwater	7 15
	hotel to school at Coldwater, transportation	2 00
	hotel expense, day and night	2 00
4	transportation from Coldwater to Midland, via Jackson	7 15
	Jackson, to and from hotel	1 60
	hotel expense, Jackson	2 00
Apr. 11	Augustus E. Bacon, For conveying Charlotte Boniasius from Sault Ste. Marie to State Industrial Home for Girls: railroad fare to Adrian, self	12 95
	girl	12 95
	bus for both	50
	sleepers	3 00
	dinner at Jackson	1 00
	breakfast for both	1 00
	hack, Adrian	1 25
18	breakfast and lodging	1 00
	railroad fare to Sault Ste. Marie	12 60
	dinner and supper at Detroit	1 00
	sleepers to Straits	2 60
	breakfast, Straits	50
	hack, home	25
7	8 days' service	9 00
Feb. 1	William A. Betts, For services and expenses relating to the indenture, adoption or visiting of children, by direction of superintendent of State Public School: investigating home of Thomas Bayner, an applicant for child from State public school	3 00
	Amount carried forward	\$32,011 25

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$32,011 25
Feb. 1	William A. Betts,	
	For livery, 16 miles	2 00
	dinner for self and team	50
26	Hezekiah Brown,	
	For services and expenses relative to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating application of August Tarbell and wife for two children, \$3.00; livery, \$2.00	5 00
Mar. 18	visit Leonard Baird with John Belford, \$3.00; livery, \$1.00	4 00
21	investigating application of Wm. H. Fisk for boy	3 00
28	visited Jacob Haight in the interest of Ed. Kappler	8 00
	livery, 10 miles	2 00
30	visited John Munn, with J. L. Wixon, \$3.00; livery, \$1.50	4 50
Feb. 20	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885:	
	inspection of jail, \$3.00; railroad fare, 55c; dinner, 25c	3 80
	livery, Evert	50
	postage to date for quarter ending March 31	16
Apr.	F. P. Blaine,	
	For conveying Robert Knapp from Allegan county to State Public School:	
	fare from poor house to depot	1 50
	" Allegan to Coldwater, \$3.35; dinner at White Pigeon, \$1.00	4 35
	hack at Coldwater school	1 00
	supper at Coldwater	50
	railroad fare, Coldwater to Allegan	2 55
	supper and lodging at White Pigeon	1 00
	fare from depot to poor house	1 50
Feb. 2	Charles D. Blanchard,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885:	
	investigating charges against Anthony Gives and John Koche at Ishpeming	3 00
	fare to Ishpeming and return	1 20
	dinner at Ishpeming	50
14	inspecting jail	3 00
Mar. 4	investigating charges against Alfred Lowchell, Marquette	3 00
9	Anskalin Hoakela, Ishpeming	8 00
	fare from Marquette to Ishpeming and return	1 20
	dinner at Ishpeming	50
	postage and stationery for quarter ending March 31, 1893	60
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent, etc.:	
30	visiting John Lavigan at Ishpeming	3 00
	fare from Marquette to Ishpeming and return	1 20
	dinner at Ishpeming	50
9	Watson F. Bisbee,	
	For conveying Alphonse Morris from Osceola to State Reform School:	
	bus fare for both	50
	railroad fare to Lansing and return for self	8 95
	" " " " for boy	2 45
	supper at Bay City for both	1 00
	lunch at Alger	85
	street car fare	10
10	lodging and breakfast for self at Lansing	75
	" " " " boy	75
	dinner at Lansing	35
	supper	35
11	lodging and breakfast at Bay City	1 00
	dinner at Bay City	50
	bus fare at home, Au Sable	25
	three days' service	9 00
Feb. 28	inspection of jail and expenses in connection with same:	
	one day's time	3 00
	bus, 25c; railroad fare, 45c; dinner and supper, 75c	1 45
	railroad fare returning, 45c; bus, 25c	70
	services and expenses relating to the indenture, adoption or visiting of children by direction of superintendent of State Public School:	
21	investigating home of Joseph Burcham for boy	3 00
	livery, \$2.00; horse feed, 50c; dinner for self, 25c	2 75
24	visiting home of Hugh McDonald	3 00
	bus, 25c; railroad fare, 40c; dinner and supper, 50c	1 15
	railroad fare, 40c; bus, 25c	65
Mar. 7	visiting Charles A. Bennington, living with John Aldo, \$3.00; dinner and supper, 50c	3 50
	Amount carried forward	\$32,118 31

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward.....	\$32,118 31
Feb. 16	Ira B. Card, For services and expenses relating to the indenture, adoption or visiting of children, by direction of superintendent of the State Public School: investigating home of Chas. W. Metzger, Hillsdale.....	2 00
	livery, \$2 miles.....	2 50
	horse feed and dinner at Cambria.....	50
Mar. 7	visiting home of James Esfe and Arthur Reed, Moscow.....	3 00
	livery, \$2 miles.....	2 50
Feb. 20	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: attending trial of Ella Kilbourne before R. E. Sheldon, J. P.	3 00
6	Ely C. Roberts, For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885: case of David H. Ward.....	3 00
	livery.....	2 50
	dinner.....	50
	inspecting jail.....	3 00
Mar. 3	case of Frank King.....	3 00
2	" " Walter Delray.....	3 00
5	" " Lee Perkins.....	3 00
10	" " Eddie Corriston.....	3 00
	W. H. Churchill, For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885: attending examination of Henry Gilbert before M. H. Brooks, J. P., for larceny.....	3 00
17	railroad fare, Shelby to Hart.....	30
	hotel bill.....	50
	railroad fare, Hart to Shelby.....	30
Feb. 21	William Dunn, For services and expenses relating to the indenture, adoption or visiting of children by direction of the Superintendent State Public School: investigating home of Charles Trust for girl.....	3 00
	railroad fare from Grawn to Mabel and return.....	1 40
	dinner at Mabel.....	25
Mar. 22	investigating home of Carson E. Clapp, who is an applicant for child from State Public School.....	3 00
	railroad fare, Traverse City and return.....	1 85
	dinner at Mapleton.....	25
	postage and stationery.....	50
20	investigating home of A. B. Davis for child.....	3 00
	stage fare and return, 25 miles.....	1 25
	dinner.....	25
16	visiting Clinton Morehouse, Theodore Walters, Charles Jassick and Ed. Ottinger.....	3 00
	livery.....	1 50
	dinner.....	25
23	visiting Vernia Webber, Jay Jason, Martin Garland and Mattie Ross.....	3 00
	livery.....	1 50
	dinner.....	25
22	M. F. Dingee, For services and expenses relating to the indenture, adoption or visiting of children by direction of the Superintendent State Public School: livery to get Fred Smith 30 miles and time.....	5 50
	dinner for self, team and boy.....	1 00
	railroad fare, Caro to Vassar.....	30
	railroad fare, return self.....	40
	supper at Vassar.....	50
Feb. 16	Michael Durcoper, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Ellen Shedore, charge, disorderly, before Van D. Belg.....	3 00
28	" Fred Greenwood, " assault and battery, before Oliver Magnuson.....	3 00
Mar. 9	" Frank Boulin, destroying property, before Martin Van D. Belg.....	3 00
10	" Thomas Roberts, " " " " " ".....	3 00
11	" Ed Burnham, " " " " " ".....	3 00
13	" Oscar Linquist, " " " " " ".....	3 00
14	" Peter Axtelson, " " " " " ".....	3 00
21	inspecting jail.....	3 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting James Carolian at Iron Mountain.....	3 00
Feb. 27	Amount carried forward.....	\$32,217 01

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$32,217 01
Feb. 27	Michael Durocher	
	For railroad fare, Menominee to Iron Mountain and return	2 90
	dinner, 50c; supper, 50c	1 00
Mar. 27	investigating home of John G. Engberg, applicant for child	3 00
17	Joseph M. Fuller	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating home of Lillian Hall, Westville	3 00
	railroad fare, Greenville to McBride and return to Stanton	75
	bus at Greenville	15
	" Sheridan	25
	livery, McBride to Westville	1 00
	supper, breakfast and lodging at McBride	75
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
Feb. 20	inspecting jail	3 00
	railroad fare to Stanton and return	1 90
	dinner at Stanton	35
Mar. 6	case Wm. Day, charge burglary	3 00
	railroad fare to Stanton and return	1 90
	telegram to mother of boy 40c	40
	dinner, supper, breakfast, lodging and dinner	1 25
7	case of Arthur Courtright	3 00
18	conveying Wm. Day from Stanton to State Industrial School for Boys:	
	railroad fare Stanton to Lansing and return to Greenville	3 60
	" " " boy	1 90
	dinner, both, at Ionia	50
	supper, self, at Lansing	25
	1 day	3 00
	back to school	50
16	telephone to sheriff at Stanton	20
Apr. 8	Frank B. Fee	
	For conveying Grace Hope from Grand Rapids to Industrial Home for Girls:	
	2 days' service	6 00
	hack Grand Rapids 50c; 2 fares to Adrian \$5.10	5 60
	2 dinners at White Pigeon \$1; hack \$1	2 00
	supper, lodging and breakfast	1 50
	railroad fare, self, to Grand Rapids	4 05
4	dinner	50
	street car fare	05
Mar. 16	conveying Albert Helherst from Grand Rapids to State Industrial School for Boys:	
	1 day	3 00
	hack, Grand Rapids	50
	railroad fare, self, Grand Rapids to Lansing	1 95
	railroad fare, boy, Grand Rapids to Lansing	1 00
	street car to hotel	05
	dinner at Lansing	50
	car fare to depot	05
	railroad fare, return to Grand Rapids	1 95
	street car fare, Grand Rapids	05
Apr. 19	conveying John Daley from Grand Rapids to Industrial School for Boys:	
	one day's time	3 00
	hack Grand Rapids	50
	railroad fare, Grand Rapids to Lansing, self	1 95
	" " " boy	1 00
	hack, Lansing	50
	dinner, Lansing	50
	railroad fare, return	1 95
	street car fare	05
Feb. 18	Stephen G. Fishbeck	
	For investigations in connection with inspecting jail:	
	inspecting jail	3 00
Jan. 31	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating the home of Geo. Pierson	3 00
	livery, \$2.00; dinner and horse feed, 50c	2 50
Feb. 26	investigating home of Harry Harrington, \$3.00; livery, \$2.00	5 00
Mar. 13	" " " Abraham Whitbeck, \$3.00; livery, \$2.00; feed, 50c	5 50
	" " " Geo. F. Hill, \$3.00; livery, \$3.00	6 00
	dinner, supper, lodging and breakfast for child, \$1.00; hotel, self and horse, \$1.00	2 00
	stationery and postage to date	1 60
	Amount carried forward	\$32,324 36

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
	Amount brought forward	\$32,334 36
Mar. 7	Stephen G. Fishbeck,	
	For investigating home of Frank R. Lockwood for Reform School	3 00
	" " James Burden and Abel Smith	3 00
	livery, 30 miles, \$2.00; supper for self and team, 50c	2 50
27	investigating home of Benj. Bowers	3 00
	car fare, 50c; dinner, 25c	75
	stationery and postage to date	75
Feb. 6	E. W. Harris,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
	inspection of jail	3 00
Mar. 1-2	1 day examination of Wm. L. Cotterman	3 00
Jan. 11	Levi T. Hull,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting John Keddy at the home of Wm. A. Turney	3 00
	livery, 8 miles	1 50
13	visiting Elizabeth Lowell and Henry F. Evarts at the home of Fred Rolf	3 00
	livery, 23 miles	2 00
18	visiting Caroline Andrews at home of Gesina Schermersahon	3 00
	livery, 20 miles	2 00
	dinner and horse feed	50
25	visiting Fannie Davis at Three Rivers	3 00
	livery, 15 miles	1 50
	dinner and horse feed	50
	investigating home of Walton, an applicant for child, and visiting Erneest White at the home of Geo. Veltz	3 00
	livery, 15 miles, hotel and dinner	2 25
	car fare, 36 miles	1 00
Mar. 16	investigating complaints in regard to Davis Sullivan	3 00
	railroad fare, 34 miles	1 00
	dinner at hotel	25
29	investigating home of Philo R. Carpenter, applicant for child	3 00
	livery, 23 miles	2 00
30	investigating home of Charles B. Buck, \$3.00; railroad fare, \$1.00; livery, \$1.50	5 50
	investigating home of Charles Nehawn, \$3.00; livery, \$2.00	5 00
Feb. 24	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885:	
	1 day inspecting jail	3 00
	livery, 20 miles	2 00
	hotel, dinner and horse feed	50
Mar. 13	investigating case of Charles Ross Koppler, charged with larceny, before Stephen Sweet, justice of peace	3 00
	livery, 8 miles	1 50
Apr. 12	M. L. Hudson,	
	For conveying John Speidel and Charles Speidel from Ludington to State Industrial School for Boys:	
	hack, jail to depot	75
	railroad fare for both boys, each, to Lansing, \$4.75	9 50
	" " self to Lansing	4 75
	dinner, Grand Rapids, for three	2 25
	hack to school, Lansing	1 00
	railroad fare, Lansing to Ludington	4 75
	lodging at Grand Rapids	50
13	breakfast	50
	hack fare, Ludington	25
	two days	6 00
Feb. 22	John W. Holcomb,	
	For conveying Thomas Griffin and Fred Bartlett from Grand Rapids to State Reform School:	
	one day	3 00
	hack, Grand Rapids	75
	railroad fare, self, to Lansing and return	3 90
	" " boys, to Lansing	2 00
	dinner at Lansing	50
	car fare to depot	05
	street car, Grand Rapids	05
Apr. 16	conveying Minnie Van Houten from Grand Rapids to State Industrial Home for Girls:	
	two days	6 00
15	hack, Grand Rapids	50
	railroad fare, self and girl, to Adrian	8 10
	Amount carried forward	\$32,454 46

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1883.</i>	
	Amount brought forward	\$32,454 48
Apr. 15	John W. Holcomb, For two dinners at White Pigeon	1 00
	back to home at Adrian	1 00
16	supper, lodging and breakfast at school and return railroad fare to Grand Rapids	4 05
	dinner and supper at Adrian	1 00
	lodging at White Pigeon	50
17	lunch at White Pigeon	25
	car fare, Grand Rapids	05
	Allen Keen, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of State Public School:	
Mar. 2	investigating home of Lewis Grant, \$3.00; livery, \$2.00	5 00
	horse feed, 25c; dinner, 25c	50
10	investigating home of L. O. Tate, \$3.00; livery 18 miles, \$2.00	5 00
30	" " homes of Samuel Hunt and John McLawley	8 00
	livery, \$2.00; feed, 25c; dinner, 25c	2 50
	investigations and expenses in connection with inspecting jail: one day	3 00
Feb. 14	livery 24 miles, \$2.00; feed, 25c; dinner, 25c	2 50
Apr. 20	C. Larzelere, For conveying John Hilderbridal from Cassopolis to State Industrial School for Boys:	
	livery, \$1.50; dinner and horse feed, 75c	2 25
	bus Cassopolis	50
	railroad fare from Cassopolis to Lansing for both	4 00
	bus at Lansing to school	1 00
	supper, lodging and breakfast	1 50
	bus at Lansing	25
	railroad fare from Lansing to Battle Creek	1 00
	" Battle Creek to Dowagiac	2 00
	dinner at Battle Creek	50
	two days	6 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
Jan. 26	investigating home of Clara Seamore	3 00
	livery 20 miles	1 50
April 3	investigating home of Edgar Smith living with Mrs. Asa Dreeskel	1 50
	hotel, lodging and breakfast	50
	taking Edgar to his home, 3 miles	1 00
8	visiting Clara Seamore	1 50
	horse 20 miles	1 25
3	investigating home of Paul Van Houthers	1 50
	livery 18 miles	1 00
Mar. 23	W. D. Moody, For conveying Annie Girt and May Girt from Big Rapids to State Industrial Home for Girls:	
	bus fares jail to depot	75
	three fares, Big Rapids to Adrian, @ \$3.25	15 75
	" breakfasts at Big Rapids	1 50
	" transfers Sturgis	75
	" dinners	1 50
	back, Adrian, \$3.00; supper, Adrian, self, 50c	2 50
	railroad ticket, Adrian to Big Rapids, \$5.25; lodgings, Sturgis, 50c	5 75
24	transfer, Sturgis, 25c; breakfast at Kalamazoo, 50c	75
	dinner at Grand Rapids	50
	bus at Big Rapids	25
	two days' time	6 00
1892	Jno. McRae, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
Sept. 28	inspecting jail, \$3.00; horse hire, \$1.50	4 50
1893	" " \$3.00; " " \$1.50	4 50
Feb. 23	services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the Superintendent of State Public School:	
Mar. 27	visiting children indentured to Jonas Burmert	3 00
	horse hire	1 00
30	Alex. McManamy, For services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the Superintendent of the State Reform School:	
	investigating home of Eugene Quackenbush	1 50
	railroad fare	65
	Amount carried forward	\$32,566 71

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward.....	\$32,566 71
Mar. 30	Alex. McManamy,	
	For supper at Cadillac.....	25
Apr. 19	visiting home of Willie Brown.....	3 00
	railroad fare.....	65
	supper.....	25
Mar. 20	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:.....	
	visiting home of Lewis Dellon, a ward.....	3 00
	livery, 27 miles.....	2 00
	dinner for self and horse.....	50
21	visiting home of Richard Lovell, a ward.....	3 00
	livery, 24 miles.....	1 50
Apr. 15	visiting home of Mathew Perry, a ward.....	1 50
Mar. 18	W. H. McCartney,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:.....	
	inspecting home of James E. Withers, applicant for boy.....	3 00
	" Daniel McRae, who was enticed away from home by Mr. Stone, bus to depot.....	15
	fare Charlevoix to Petoskey.....	45
	dinner at Petoskey.....	50
	fare, Petoskey to Clarion.....	25
	supper and lodging.....	1 00
	fare, Clarion to Petoskey.....	25
	" Petoskey to Charlevoix.....	45
	bus at depot.....	15
	one day.....	3 00
30	Albert Miller,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885.....	
	investigating case of Estella Watson.....	3 00
	hack two trips.....	1 00
Apr. 8	investigating case of Bruce Sloat.....	3 00
	hack two trips.....	1 00
25	postage and stationery, April, 25 letters @ 3c.....	75
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:.....	
Mar. 8	investigating home of Willard Egbert, applicant for child.....	3 00
	hack hire, 13 miles.....	1 50
23	investigating home of William Francis.....	3 00
	hack hire and railroad fare.....	1 00
30	Alanson Partridge,	
	For conveying Lee Dingman from Pontiac to State Industrial School for Boys:.....	
	railroad, $\frac{1}{2}$ fare for boy.....	95
	" fare for self, Birmingham and return.....	4 05
	lunch for both.....	40
	hack " Lansing.....	50
	lodging and breakfast for self at Lansing.....	1 00
	1 day.....	3 00
11	Charles N. Race,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent, etc.:.....	
	placing William Nudesteate in the home of S. Race.....	3 00
	livery, 12 miles.....	1 50
	dinner and horse feed.....	50
	supper, breakfast and lodging for boy at home.....	1 00
Apr. 3	investigating home of Robert Moore, an applicant for boy.....	3 00
	livery, 36 miles, \$2.50; dinner, supper and horse feed, \$1.25.....	3 75
11	placing Fred Rounds in the home of L. T. Woodworth:.....	
	livery, 12 miles.....	1 50
19	visiting Claud Ketcham, a ward of State Reform School, by order—traveling expenses.....	1 50
Mar. 10	investigating home of John Ward, applicant for boy.....	3 00
	livery, 36 miles, \$3.00; dinner and horse feed, \$1.00.....	4 00
18	removing Mary Blower from Fred Birner's to Jerome Markham's of Birmingham.....	3 00
	livery, 16 miles, \$2.50; horse feed, 25c; dinner, 50c.....	3 25
20	going to Durand to look after Bertha McCormie.....	3 00
	railroad fare Durand and return, 70c; dinner and supper, \$1.00.....	1 70
25	investigating home of Jerome Markham.....	3 00
	livery, 22 miles, \$2.00; horse feed, 35c; dinner, 35c.....	2 70
28	investigating home of Mrs. Mary Whitford.....	3 00
	Amount carried forward.....	\$32,661 11

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$22,661 11
Mar. 28	Charles N. Race,	
	For livery, 22 miles, \$2.50; horse feed and dinner, 90c	3 30
30	placing Geo. Firmingham in home of Rev. Moore	3 00
	livery, 28 miles, \$3.00; dinner, 40c; horse feed, 35c	3 75
	Aleck S. Runnilla,	
	For conveying Lorne Brady from Newaygo to State Industrial Home for Girls:	
	1 fare to Adrian	5 30
	1 half fare to Adrian	2 65
	dinner at Grand Rapids	1 00
	supper	1 00
31	1 return fare	5 30
	hotel, Adrian, \$1.00; dinner, 50c; hotel, Grand Rapids, \$2.00	3 50
	hack, Adrian, \$2.00; 3 days' service, \$9.00	11 00
6	Ely C. Roberts,	
	For conveying Frank King from Lapeer to State Industrial School, Lansing:	
	fare to Lansing, self	1 39
	one-half fare to Lansing, boy	63
	return fare	1 39
	street car fare	20
	meals	1 00
	one day	3 00
Jan. 24	Thomas Shaw,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 168, laws of 1895:	
	case of Leo Carpenter, Edward Miller, Bert Machlin, Irvine Barch, trespass	3 00
18	inspecting jail	3 00
	case of Mary and Annie Goit	3 00
Mar. 24	Wm. Skinner,	
	For conveying Wm. Lewis Bolls from Port Huron to State Industrial School for	
	Boys:	
	two fares one way	4 68
	one " " "	2 34
	three meals at Lansing	1 50
	hack at Port Huron	75
	" " Lansing	1 00
	one day	3 00
28	James Snow,	
	For conveying Jerry Smith from Muskegon to State Industrial School:	
	fare for self to Lansing and return	6 50
	" " boy "	3 25
	two meals at Grand Rapids	75
	supper at Lansing	50
29	lodging and breakfast at Grand Rapids	1 00
	two days	6 00
Apr. 21	W. L. Stevens,	
	For conveying Horace Lindsay from Grand Rapids to State Industrial Home for	
	Boys:	
	one day's service	3 00
	hack at Grand Rapids	50
	railroad fare for self to Lansing	1 95
	" " " boy " "	1 00
	hack at Lansing	50
	dinner at Lansing	50
	railroad fare from Lansing to Grand Rapids	1 95
	street car fare	05
17	James D. Sutton,	
	For conveying Lucretia Beble, Philip Beble and James Brown from Tuscola	
	county to State Public School at Coldwater:	
	railroad fare to Detroit, one whole and two half	6 00
	street car fare, Detroit	30
	lunch and supper, Detroit	2 25
	railroad fare, Detroit to Coldwater	6 79
	hotel Coldwater	2 25
18	bus to school, Coldwater, and return	1 00
	dinner, Coldwater, for one	50
	railroad fare, Coldwater to Detroit	3 35
	hotel, Detroit	1 50
	street car fare, Detroit	20
19	railroad fare, Detroit to Caro	3 00
	bus fare and dinner at Caro	75
	Amount carried forward	\$32,786 09

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1893.</i>	
Apr. 8	Amount brought forward.....	\$32,736 09
	Geo. H. Turner,	
	For conveying Anna Small from Flint to State Industrial Home for Girls,	
	Adrian:	
	railroad fare, Flint to Adrian, both.....	6 00
	hack, depot to school, Adrian.....	1 50
	supper for self.....	50
	hack to depot.....	25
	railroad fare, Adrian to Detroit.....	1 70
	" " Detroit to Flint.....	1 80
	sleeper.....	1 00
	fees.....	6 00
	hack, jail to depot for girl.....	25
Jan. 26	Jacob Walton,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 168, laws of 1885:	
	case of Celina Bertrand in circuit court.....	3 00
	Am. Express Co. on books of this office from former agent.....	25
Feb. 24	case of Maud Dixon before J. F. Cumbers, J. P.....	3 00
25	inspecting jail.....	1 50
Mar. 15	services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the Superintendent of the State Industrial School for	
	Boys:	
	visiting home of Fred. A. Weber, applicant for boy.....	3 00
	railroad fare to Wolverine and return.....	1 80
	livery, 18 miles, \$2.50; dinner, 50c.....	3 00
8	services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent of the State Public School:	
	visiting Frank Armstrong at Geo. Maynard's, and removal of Armstrong to	
	Joseph Banochiff's; also visiting Edward Burwell, who lived with P. C.	
	Muno.....	3 00
	livery, 30 miles, \$2.00; dinner, 25c; horse feed, 25c.....	2 50
9	case of Willie Phillips, who lived with Charles V. Whitlock; also case of	
	Charles Holt, with M. J. Clark.....	3 00
	livery, 25 miles, \$2.00; dinner, 25c; horse feed, 25c.....	2 50
10	case of Joseph Homes, with Ed Moore, and removed to Charles V.	
	Whitlock's.....	3 00
	livery, 35 miles, \$2.00; dinner, 25c; horse feed, 25c.....	2 50
26	paid telegram and delivery to State Public School, regarding boy.....	75
	Charles W. Whitehead,	
	For conveying Gertrude Hoyt from Benton Harbor to State Industrial Home for	
	Girls:	
	two fares, Benton Harbor to Adrian, \$9.10; transfer, Elkhart, 50c.....	9 60
	two dinners, Elkhart, \$1.00; transfer, Adrian, \$1.00.....	2 00
	one fare, Adrian to Elkhart, \$3.25; supper, lodging and breakfast, \$1.50.....	4 75
29	transfer, Elkhart, 25c; fare to Benton Harbor, \$1.30; two days, \$6.00.....	7 55
	investigations and expenses in connection with complaints against juvenile	
	offenders, under Section 2, Act 163, laws of 1885:	
22	case of Gertrude Hoyt, charge, truancy.....	3 00
Apr. 7	case of Frank Ledger, charge, larceny.....	3 00
	dinner for same.....	35
8	case of Wm. Vosbaugh, charge, larceny.....	3 00
17	case of Lloyd Cone, charge, larceny and truancy.....	3 00
18	case of Cornelius Goins, charge, larceny.....	3 00
Mar. 9	services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent, etc.:	
	investigating firm of Morse & Chaddock in case of Edward Kerman.....	3 00
18	" home of G. H. Smallidge, applicant.....	3 00
	livery, six miles.....	50
20	investigating home of Geo. Raven (ward of Industrial Home).....	3 00
	car fare, Sawyer and return.....	1 30
	livery to New Troy and return, 6 miles.....	1 00
	supper and lodging at Sawyer.....	75
Apr. 14	investigating home of A. Brant, applicant for boy.....	3 00
	car fare to Bridgeman and return.....	1 20
	services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the Industrial Home for	
	Girls:	
Mar. 30	investigating home of Peter Kniebes, an applicant for girl, Thresa Hoffman	3 00
	livery 18 miles.....	1 50
	Chas. Haase,	
	For salary for 30 days, from March 1 to April 1, @ \$3.00.....	90 00
	Amount carried forward.....	\$32,983 59

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed April 26, 1898.</i>	
	Amount brought forward	\$32,968 59
Mar. 30	Row & Edmunds, For policy No. 174450, National Insurance Co.	25 00
	" " 643, Continental " " 	25 00
	" " 1835131, Lancashire " " 	25 00
	" " 884, St. Pauls " " 	25 00
Feb. 14	Sam'l L. Eggleston, For Mrs. F. C. Betts, 2 memorandums	75
	Mrs. A. Mosher, asst. postmistress, 1 memorandum	85
Mar. 22	Wm. A. Tateum, 2 memorandums	85
Feb. 16	D. E. Alward, 1 memorandum	35
Mar. 14	James Stoops, 1 memorandum	20
Mar. 25	W. D. Fuller, For postage on proof, etc., from Grand Rapids to Lansing	1 25
	" at Lansing	80
Apr. 21	expenses on records, briefs, etc., from and to Lansing	1 85
	telephone to Lansing	50
	wrapping cord	25
	1 bottle of ink	50
	box rent at Lansing postoffice	50
26	Lewis M. Miller, For expenses in connection with mandamus case of Barkworth vs. Tateum and Miller	25 00
	D. E. Alward, For expenses incurred in mandamus case of Turnbull vs. Giddings and Alward, president and secretary of the senate	25 00
Mar. 31	Ferry & Butts, For antique oak director's table	40 00
	12 sofa springs	60
	antique oak folding table	8 50
	George A. Dyer, For premium on No. 1260199, London, State house block	25 00
	" " 189213, E. I. Underwriters	25 00
	" " 415780, Palatine	25 00
	" " 14641, Firemans' Fund	25 00
30	O. C. Tompkins, For fare from Lansing to Detroit	2 55
	dinner at Detroit	50
	railroad fare, Marquette	14 97
	sleeper to Marquette	3 00
	supper at Bay City	50
Apr. 1	hotel bill at Marquette	4 00
	fare, Detroit	15 15
	sleeper	3 00
2	breakfast on car	65
	dinner at Bay City	50
3	hotel bill, Detroit	4 00
	fare to Lansing	2 55
	<i>Allowed May 31, 1898.</i>	
May 26	Kalamazoo Paper Co., For 78.5 bds 27x40 80 S. and S. C. white 6260 lbs @ 5½c	359 95
	A. Milan Willette, For case of Frank W. Rowley, insane: sheriff's fees	1 20
	county clerk's fees	50
	physician's fees	6 00
	court fees	4 00
Apr. 15	case of Jonas Anderson, insane: sheriff's fees	1 20
	county clerk fees	50
	physician's "	6 00
	probate court "	4 00
Mar. 22	case of Ella A. Fisher, insane: sheriff's fees	1 20
	county clerk	50
	physician's certificate	6 00
	probate court	4 00
Apr. 20	case of Wm. Partello, insane: sheriff's fees	1 20
	county clerk fees	50
	physician's "	6 00
	probate court "	4 00
	Amount carried forward	\$33,747 96

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
Apr. 7	Amount brought forward	\$33,747 98
	A. Milan Willette,	
	For case of Mary Levering, criminal insane:	
	sheriff's fees	1 20
	county clerk fees	50
	physician's "	6 00
	court "	4 00
May 3	James Blackmore,	
	For fees in State Board of Inspectors vs. Zenas C. Jessop, et al.	8 00
Feb. 28 and Mar. 1	Wm. Chamberlain,	
	For 2 days' service as witness in case of Inspectors State Prison vs. Z. C. Jessop.	2 00
	mileage, Three Oaks to Mason, 160 miles @ 10c	16 00
	G. Major Taber,	
	For 2 days' service as witness in case of Inspectors of State Prison vs. Z. C. Jessop	2 00
	mileage from Jackson to Mason and return, 25 miles	2 50
	R. H. Davis,	
	For holding inquest on body of Geo. W. Haight, guard hall master at Michigan	
	State Prison, who was killed by convict R. Irving Latimer, while on	
	duty	3 00
	swearing jury	10
	subpoenas for ten witnesses	2 50
	venire for jury	25
	swearing ten witnesses	50
	travelling all one way seven miles at 6c per mile	42
	four adjournments	60
	Sheriff Archibald J. Peck's fees	8 35
	seven witnesses one day and three witnesses one-half day @ \$1.00	6 50
	six jurors at three and one-half days each, total 21 days @ \$1.50	31 50
May 9	O. C. Simonds,	
	For design for planting the grounds about the State capitol	100 00
	expense of trip to Lansing	18 00
	S. G. Earl,	
	For salary as steward at the Michigan Asylum for the Insane, Kalamazoo, Mich.,	
	from January 1 to 20 inclusive, \$1,600 a year	86 02
Apr. 26	J. D. Munson,	
	For travelling expenses to Escanaba and return, incurred in the matter of State	
	of Michigan vs. Estate of C. B. M. Dunbar, a patient in the Northern	
	Michigan Asylum:	
	railroad ticket to Mackinaw City	2 40
	lunch	25
27	lodging and breakfast at Mackinaw City	1 00
	railroad fare from Mackinaw City to Trout Lake	1 00
	railroad fare, Trout Lake to Marquette	5 05
	chair car, St. Ignace to Marquette	75
	dinner on train	80
	porter	25
	railroad fare, Marquette to Negaunee	60
	" " Negaunee to Escanaba	2 43
	supper and lodging, Oliver House, Escanaba	1 00
	bus from Northwestern depot to hotel	25
28	" " hotel to North Escanaba	50
	railroad fare, North Escanaba to Mackinaw City	6 05
	breakfast on train	75
	porter	25
	railroad fare, Mackinaw City to Petoskey	1 05
	chair car	25
	lodging and breakfast, Cushman House, Petoskey	1 50
	railroad fare, Petoskey to Traverse City	2 35
19	Albert Foubert,	
	For transferring Wallenty Nowack from Marquette to Ionia Criminal Asylum:	
	two fares to Ionia	32 10
	hotel bill at Mackinaw	2 00
20	dinner for two	1 00
	bus from Ionia to asylum	2 00
	hotel bill at Ionia	3 00
21	hotel bill at Jackson	3 00
	fare, Ionia to Jackson	2 50
22	hotel bill at Lansing	1 00
23	fare from Jackson to Mackinaw	8 25
	berth in sleeper	1 50
	Amount carried forward	\$54,124 83

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
Apr. 28	Amount brought forward	\$34,134 38
	J. H. Lennon, For transferring James Huston, No. 3839, from Jackson to Asylum for Criminal Insane, Ionia: railroad fare, Jackson to Lansing and return	2 00
	" " Lansing to Ionia and return	2 20
	" " Huston to Lansing	1 10
	" " " Ionia	1 10
	meals at Lansing, self	70
	" " Ionia, self	35
	" " for Huston	35
	street car fare Lansing	20
May 18	Joseph Nicholson, For transferring Frank W. Rowley from Detroit to Ionia, Mich.: fare to Ionia	3 70
	" " " and return	6 68
	expenses	1 00
	R. H. Davis, For holding inquest on body of Frank Connerton, convict No. 4803, at Jackson State Prison: viewing body	3 00
	venire	25
	4 subpoenas for witnesses	1 00
	swearing jury	10
	to travel	12
	swearing witnesses	40
	6 jurors at \$1.50 each	9 00
	3 witnesses at 50c, and 1 at 65c	2 15
	sheriff's fees	2 50
	G. W. Green, For holding inquest on body of convict Jos. Roy: venire	25
	viewing body	3 00
	taking recognizance	25
	swearing 5 witnesses	50
	adjourn	25
8	taking recognizance	25
	total miles travel	30
	deputy sheriff's fees as per bill	2 60
	6 jurors 1½ days @ \$2.25 each	13 50
	6 " mileage, 2 each, @ 6c	72
	3 witnesses ¼ @ 50c a day	1 50
	2 witnesses 1 day @ \$1.00	2 00
	holding inquest on the body of convict John Dunn, Michigan State Prison: venire	25
	viewing body	3 00
	taking recognizance	25
	swearing 3 witnesses	30
	miles' travel, 2 @ 6c each	12
	6 jurors @ \$1.50 each	9 00
	mileage for same	72
	3 witnesses @ 50c each	1 50
	deputy sheriff's fees	2 60
13	John Averill, For conveying Nebner from Bay City to State Industrial School for Boys: railroad fare	5 00
	hack at Bay City	75
	" " Lansing	75
	dinner at Lansing, supper at Owosso	1 00
	one and one-half day	4 50
	A. H. Beaver, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1895: case of Geo. Downs, charge destruction of property before John Bulger, J. P.	3 00
	car fare	20
15	case of Joseph Taylor, charged stealing flowers before Otto Stempell, P. J.	3 00
	car fare	10
16	case of Edward Lynch for stealing flowers before Stempell, P. J.	3 00
	car fare	10
17	case of Fred Schram for stealing flowers before Stempell, P. J.	3 00
	car fare	10
18	case of Chas. Schram charged stealing flowers before Stempell, P. J.	3 00
	car fare	10
	Amount carried forward	\$34,242 71

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$34,242 71
May 19	A. H. Beaver, For Chas. Murphy charged vandalism before Bulger, J. P.	3 00
20	car fare	20
2	Jas. Doherty charged vandalism before Bulger, J. P.	3 00
4	car fare	20
8	case of Wm. Shultz, larceny, before O. Stempell	3 00
9	car fare	20
10	case of Joe. Sanzone, larceny, before O. Stempell	3 00
12	street car fare	10
22	case of Lewis Williams	3 00
	car fare	10
	case of Geo. Austin charged larceny before Stempell, P. J.	3 00
	car fare	20
	case of Geo. L. Tiney charged vagrancy before Stempell, P. J.	3 00
	car fare	10
	case of Peter Vernon charged destruction of property before Bulger, J. P.	3 00
	car fare	10
	conveying Geo. L. Tiney from Saginaw to State Industrial School, Lansing: hack, Saginaw	50
	2 fares to Lansing	3 74
	hack to Lansing, school	50
	hotel	25
	dinner	30
	hack to station	25
	1 fare to Saginaw	1 87
	hack, Saginaw	25
	1½ days' service	4 50
	sleepers	30
25	case of Chas. Robinson, charge larceny before Stempell, P. J.	3 00
	car fare	20
	case of Mary Thompson, ward of State Public School, changing her from home of Mr. Burford	3 00
	car fare looking up place	1 00
	transferring her and effects	1 50
6	David P. Beebe, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
8	visiting Chas. T. Babcock at the home of Retta M. Smith	3 00
	" Jerry Sullivan, ward of State Public School, with James Garvey	3 00
9	paid for livery in above case	2 00
	visiting Myron Hulbert, ward of State Public School, living with Emeline Rykert; also Alma Bowman, ward State Public School, living with James Lancaster	3 00
10	livery in above case	1 50
	visiting Gracie Crepo, ward living with Mrs. H. Bendon	3 00
11	livery, 20 miles	2 00
	visiting Willie Kyser, living with J. Dix Brown	3 00
	livery, 18 miles	1 50
Jan. 21	Joseph R. Bennett, For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 163, laws of 1895:	
Feb. 27	case of John Jackson, charge larceny, before G. W. Westerman	3 00
Mar. 9	" August Wilnow, " circuit court	3 00
15	" Dollie Baker, " drunkenness, before A. F. Robertson	3 00
Apr. 19	" Mattie Beasley, " forgery, " circuit court	3 00
25	" Jessie Woodbury, " truancy, " Robertson	3 00
	" Charles Isbell, " larceny, "	3 00
	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School:	
Jan. 28	investigating the home of Milo R. Gillott by direction of W. H. S. Wood	3 00
	railroad fare to Hudson and return	50
	dinner, Hudson	30
Apr. 1	street car fare at Adrian	10
	investigating home of Arthur Porter by direction of W. H. S. Wood	3 00
	railroad fare to Hudson and return	50
	dinner at Hudson	30
	street car fare	10
Jan. 24	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Industrial Home for Girls:	
Feb. 11	investigating home of T. J. Hough, applicant for Julia Pape, ward of Home investigating home of Elizabeth Beecher, applicant for Anna Wiggins, ward of home	3 00
	Amount carried forward	\$34,344 27

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$34,344 27
Feb. 20	Joseph R. Bennett, For investigating home of Mrs. M. C. Walker, applicant for Flora Crittender, ward of Industrial Home.	3 00
Mar. 7	investigating home of Mary E. Johnson, applicant for Florence Johnson, a ward.	3 00
Apr. 8	investigating home of Stella Smith, applicant for Lewis Perry, a ward of Industrial Home.	3 00
24	investigating home of Dora G. Shepherd, applicant for girl from the Indus- trial Home.	3 00
28	conveying Jessie Woodbury from Adrian to State Reform School, Lansing; street car fare.	10
	2 railroad fares to Lansing.	4 70
	dinner at Jackson.	1 00
	hotel bill at Lansing.	2 00
	back to school and return.	75
	railroad fare, return.	2 35
	dinner at Hilldale.	50
	street car fare.	05
	2 days' service.	6 00
3	Ezekiah Brown, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School:	5 00
	visiting and looking for John Munn, fare \$3; livery, \$2.	50
	dinner for self and livery.	
25	investigating the Leonard Baird matter with Dunning & Son, founders, \$3.00; livery, \$1.00.	4 00
29	annual visit and report in Geo. McKee, \$3.00; fare, 55c.	3 55
	dinner, 25c; horse in Ewart, 50c.	75
	postage for the month.	18
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1893:	
6	attending examination, on notice from Levi B. Winsor, of Cad Vandusean, charged with obstructing G. R. & I. R. R. track, \$3.00; fare, 80c; dinner, 50c	4 30
	livery in Ewart, 75c; stable for livery, 25c.	1 00
27	Zina Back, For conveying David C. Tann from Ypsilanti to State Reform School, Lansing:	
	railroad fair from Ypsilanti to Lansing, both.	5 00
	dinner at Lansing.	50
	railroad fare Lansing to Ypsilanti.	2 50
	supper at Jackson.	50
	one day.	3 00
Jan. 26	Moses Burns, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School:	
	investigating home of James Fisher, who is applicant for child from State Public School.	3 00
	livery 52 miles.	2 50
	dinner and supper for self, \$1.00; horse feed, 50c.	1 50
27	visiting Geo. Stalle, living with Joseph Nichol.	3 00
	livery 50 miles.	2 50
	dinner, 50c; supper, 30c; horse, 50c.	1 30
Apr. 12	investigating home of R. Williams, applicant for child.	3 00
	livery 5 miles.	1 00
26	investigating home of James Mordan, applicant for child.	3 00
	livery, 40 miles.	2 00
	dinner, 25c; horse feed, 25c.	50
May 1	visiting Nellie Kenely, a ward of State P. S. living with John Galbraith, \$3.00; livery, 15 miles, \$1.50.	4 50
Apr. 10	visiting Bertha Cole living with Jacob Cline.	3 00
	livery in above case.	1 50
3	W. H. Churchill, For conveying Henry Gilbert from Hart to State Reform School, Lansing:	
	1/4 day going to Hart after boy.	1 50
	livery, Shelby to Hart and return.	1 00
	supper, lodging and breakfast for boy.	75
4	railroad fare Shelby to Grand Rapids, self, \$2.15; boy, \$1.10.	3 25
	hotel, Grand Rapids.	1 00
	railroad fare Grand Rapids to Lansing and return, \$3.00; boy, 90c.	4 50
	bus, depot to school, Lansing.	50
	hotel, Lansing.	50
	lodging and breakfast at Grand Rapids.	1 00
	two days.	6 00
	railroad fare Grand Rapids to Shelby.	2 15
	Amount carried forward	\$34,458 95

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$34,562 48
Apr. 26	Peter Dixon,	
27	For back to school, Coldwater	1 00
	hotel bill	2 00
	railroad fare to Jackson	1 30
	railroad fare, Jackson to Saginaw	2 90
	supper at Lansing	50
Feb. 24	Frank L. Downing,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Reform School:	
	visiting home of Wm. Harrison, a ward	3 00
	livery, 38 miles	2 00
Apr. 16	looking after Wm. Harrison, 1 1/4 days	3 00
	livery, 70 miles	3 00
Mar. 9	visiting John De Grundy, ward of State Public School, with F. J. Grapp	3 00
	livery, 16 miles	2 00
	railroad fare, Manton to Walton and return	50
	dinner	25
Apr. 6	visiting Chas. Van Brunt, ward of State Public School, with Mrs. R. A.	
	Howey, at Lake City	3 00
	livery, 13 miles	1 50
	dinner, 25c; horse, 25c	50
May 18	E. B. Evans,	
	services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent of the Reform School:	
	investigating home of Louis Eberhart, an applicant for child from Reform	
	School	3 00
	livery	2 00
	dinner, 50c; horse feed, 25c	75
9	For investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 163, laws of 1895:	
	case of Jesse Allen, charge larceny, before A. H. Boyne	3 00
	car fare to Harrison and return	1 30
	supper at Clare	50
	lodging and breakfast at Harrison	1 00
Mar. 16	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the superintendent of the State Public School:	
	investigating home of Thos. M. Brown, an applicant for child from State	
	Public School	3 00
	livery	1 50
	dinner, 25c; horse feed, 25c	50
17	visiting Meg Fowler, ward State Public School, living with Jas. B. Hower	3 00
	livery, 60 miles	2 50
	dinner and supper, 50c; horse feed, 50c	1 00
18	visiting Lillie Outman, ward of State Public School, living with Mrs. M. J.	
	Hixon	3 00
	car fare to Marion and return	1 50
	dinner and supper	1 00
23	visiting Roy Shore, ward of State Public School, living with F. L. Merithen	
	car fare, Merideth and return	3 00
	supper at Clare	2 20
	lodging and breakfast, Merideth	50
24	case of Clara Frickingsburger, now Mrs. Lyman Woodruff, while in Harrison	
1	Geo. W. Fry,	3 00
	For investigation in connection with complaints against juvenile offenders,	
	under Sec. 2, Act 163, laws 1895:	
	case of Mable Rittenhouse, charge truancy, before A. O. White, \$3; livery,	
	\$1.50; telephone, 50c; horse feed, 25c	5 05
22	case of Arthur Brady, charged with assault and battery, also Laura Brady,	
	charged with truancy	3 00
	car fare, Woodville and return	1 25
	stage fare Woodville to Keno and return	60
	hotel	50
Apr. 24	investigating home of John H. Burleham, applicant for child from State	
	Public School	3 00
	livery	1 50
	dinner and horse feed	50
26	investigating homes of Alex. Dickrie and John Shaw, applicants for children	
	from State Public School	3 00
	fare to Woodville and return	1 25
	livery	1 00
	dinner and supper	1 00
	Amount carried forward	\$34,651 78

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$24,651 78
1892	J. W. Finch,	
Sept. 8	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial Home: investigating home of J. W. English, for indenturing Christone Jackson	2 00
Oct. 26	" " John Richards " " Eva Reynolds	3 00
	" " W. J. Osborn " " Phebe Yeomans	3 00
	" " F. H. Lewis " " Minnie Cranston	2 00
Dec. 13	" " G. H. Rorich " " Jane Bryant	2 00
1891		
July 18	" " Francis Wilcox, " " Ida Arnold	2 00
Aug. 1	" " Chauncey Dibble " " Clara Smith	3 00
25	" " J. G. Hazerman " " Reka Kebler	3 00
Sept. 5	" " Willard Perkins " " Minnie Brohus	2 00
11	" " F. A. Hoodley " " Lottie Warren	2 00
12	" " E. W. Lonn " " May Smith	3 00
14	" " Samuel Underwood " " Nellie Landon	2 00
15	" " A. O. Pelcher " " Sarah Home	3 00
16	" " Michael Smith " " M. Henderminster	2 00
19	" " L. W. Hook " " Henretta Higgins	3 00
22	" " D. W. Carpenter " " Sol. Reynolds	2 00
24	" " Robt. Sims " " Bill Aber	3 00
18	" " Mrs. Culver " " Ella Rodgers	2 00
28	" " Hugo Smith " " Mary Crookles	3 00
29	" " C. C. Smith " " Mollie Flynn	3 00
Oct. 1	" " Holmer Palmer " " Mary Frolock	3 00
6	" " Richard Illender " " Ella Libey	2 00
15	" " Harry Walby " " Mary Schland	3 00
23	" " Scott Remington " " Lizzie Lebo	3 00
Nov. 17	" " Charles Wesley " " Angeline Lerner	2 00
20	" " John Hollister " " Mary Collins	3 00
1892	" " Ed. J. Allen " " Jennie Fye	3 00
Jan. 7	" " H. C. Boodiah " " Emma Arnold	2 00
Feb. 27	" " Warren Beal " " Minnie Cranston	3 00
Mar. 4	" " A. C. Derby " " Minnie Brohus	1 00
May 4	Joseph M. Fuller,	
	For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 163, laws 1885:	
	case of Augustus Teft before E. M. Hay	2 00
	livery	2 00
12	case of Arthur Courtwright before W. A. Briggs	3 00
	dinner	25
	car fare to Stanton and return	1 90
	1 package postpaid envelopes	55
Apr. 28	E. S. Ferguson,	
	For conveying Charles Isbell from Adrian to State Industrial School for Boys:	
	hack fare, Adrian	50
	railroad fare, both, Adrian to Lansing	4 70
	breakfast, both, Hillsdale	1 00
	dinner, self	50
	supper, lodging and breakfast, self	1 50
29	dinner, self, Hillsdale	50
	railroad fare, self, Lansing to Adrian	2 95
	two days' service	6 00
May 9	Michael H. Ford,	
	For conveying Michael Gross from Marquette to State Industrial School, Lansing:	
	transportation, Marquette to Lansing, both	26 30
	sleeper, Marquette to Mackinaw, both	3 00
10	breakfast and dinner at Mackinaw, both	2 00
	supper and lodging at Howard City, both	2 00
	hack to school, Lansing	1 00
	dinner, Lansing	50
	bus, hotel to depot	25
	transportation, Lansing to Marquette	14 10
	supper at Kalkaska	50
	sleeper, Mackinaw to Marquette	1 50
11	three days	9 00
1	Henry Gunterman,	
	For conveying Addie Markell from Bay City to State Industrial Home for Girls:	
	hack jail, to depot	50
	Amount carried forward	\$24,820 78

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$34,830 78
May 1	Henry Gunterman,	
	For railroad fare, Bay City to Adrian, for both	8 60
	dinner at Romulus, both	1 00
	hack at Adrian to school	1 50
	supper at Adrian	50
	hack, hotel to depot	25
	railroad fare, Adrian to Bay City	4 30
	hack at Jackson	25
	lodging and breakfast at Jackson	1 00
	two days	6 00
Mar. 10	W. W. Herrington,	
	For services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the superintendent of the State Public School:	
	visiting John Phelps, ward, living with John Iles	3 00
	" Belle Darling, " " S. B. Cate, and livery	1 50
12	" Archie Munn, living with Mary Klander	3 00
	" Frank Zilkie, " " Gus Anderson, and livery	1 50
13	" Geo. S. Cuthbert, ward, living with Jos. St. Peter, dinner and horse	
	feed	50
	visiting Frank Palmer, ward, living with Richard Dambolt	3 00
17	" Daniel Richards, " " John Rung	3 00
	livery, Emma Truax and Emory Happy, 30 miles	1 50
	dinner, 25c; horse feed, 25c	50
18	visiting Wm. Doyle, ward, living with Jos. Antabueher	3 00
	" Wm. P. Clark, Gertrude Smith and Wm. Conner, livery 24 miles,	
	\$1.50; dinner, 25c; horse feed, 25c	2 00
24	visiting Frank Storrs, ward with Herman Portner	3 00
	livery visiting Lewis O. Dell, 18 miles	1 50
	dinner, 25c; horse feed, 25c	50
27	visiting Mary A. Helder, living with Barbara Plummer	3 00
28	" Allen Larabee, " " John Egerton	3 00
	" Earl A. Rose, " " L. H. Rosea, livery	1 50
	dinner, 25c; horse feed, 25c	50
25	1 day after Emory Happy, ward who ran away from his home	3 00
	livery 40 miles	1 50
	dinner, 25c; horse feed, 25c	50
Feb. 6	John W. Holcomb,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 168, laws of 1835:	
	investigating case People vs. Wm. Bennett	2 00
13	" " " " Jessie Pratt	2 00
9	" " " " Ralph Van Dyke	1 00
15	" " " " Fred Bartlett and Thomas Griffin	2 00
24	" " " " Guy C. Stanton, 2 hours	60
	" " " " Warren Lindsay	3 00
Mar. 1	" " " " Louie Valbraskie	75
2	" " " " Jos. Coach and Fred Kinsley	1 00
11-18	" " " " O. Reed and Walter Stiles	1 00
10	" " " " Clark Reeves	1 00
28	" " " " John Fredrick	60
	" " " " Grace Hope	1 50
29	" " " " Carl Carrothers	60
Apr. 7	" " " " Arthur Cobb	1 00
8	" " " " Geo. Arthur	1 00
	City of Grand Rapids vs. Cornelius Paperace and Corne-	
	lius Vanderburg	75
28	investigating case of People vs. Queensy Zylstra	1 60
7	" " " " Willie Wandell, 3 hours	60
12	" " " " Minnie Van Houten	1 00
	" " " " Lillie Sealey	60
Feb. 6	Bennett case expense, telephone message	50
	" " railroad expense and street car fares to Lowell	1 25
	" " expense, supper	50
8	Jesse Pratt case expense, horse and cutter	1 50
17	Bartlett & Griffin case expense, horse and cutter	50
24	Herman Lindsay " " street car fares	50
Mar. 2	Joe Coach & Rimley expense, " " "	10
10	Clark Reeves, " " "	10
Apr. 6	Arthur Cobb, " horse and buggy	50
Mar. 21	Queensy Zylstra, " " "	50
27	1 day jail inspection	3 00
	Amount carried forward	\$34,926 68

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed May 31, 1898.</i>		
	Amount brought forward	\$34,926 63
Mar. 22	W. B. Horton, For conveying Chester and Bertha Carpenter from Manistee to State Public School: bus to depot.....	50
	1/4 fare to Coldwater.....	3 60
	1 " " and return.....	12 45
	3 dinners at Grand Rapids.....	1 00
	3 lunches at White Pigeon.....	30
	bus to school and return to hotel, Coldwater.....	1 25
	lodging.....	50
23	breakfast and dinner, Coldwater.....	1 00
	supper and lodging, Grand Rapids.....	1 00
24	breakfast.....	50
	bus to depot.....	25
	conveying Hans G. P. Holmes from Manistee to State Public School at Coldwater:	
May 11	bus to depot, Manistee.....	50
	1/4 fare ticket, Manistee to Coldwater.....	3 60
	1 " " and return.....	12 45
	2 dinners at Grand Rapids.....	50
	3 lunches at White Pigeon.....	30
	back to school and return to hotel, Coldwater.....	1 25
	lodging.....	50
12	breakfast and dinner, Coldwater.....	1 00
	supper and lodging, Grand Rapids.....	1 00
13	breakfast.....	50
Apr. 5	conveying Charles Cone and Mike Peterson from Manistee to State Reform School at Lansing:	
	3 bus fares to depot, Manistee.....	75
	2 tickets, Manistee to Lansing.....	10 10
	1 " " and return.....	9 10
	3 lunches at Grand Rapids.....	1 20
	bus to school and return to hotel.....	1 00
	bus, Grand Rapids depot to hotel.....	25
	supper and lodging.....	1 00
6	breakfast.....	25
	bus to depot.....	25
	3 days' service.....	6 00
Mar. 27	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 188, laws of 1885:	
	case of Mike Peterson, truancy, before Morris, \$3.00; dinner, 25c.....	3 25
29	case of Harvey Come, uttering forged order, before D. S. Harty, J. P., and case of Charles Come, truancy, before D. S. Harty, J. P.....	3 00
	horse and feed.....	1 75
	dinner.....	25
May 8	Oliver A. Halladay, For conveying W. Wayne Dee (Gov from Grand Ledge to State Industrial School: 1 day's service.....	3 00
	livery rig, Grand Ledge to Lansing.....	1 05
	1 meal for self.....	50
Apr. 19	C. L. Jenney, For conveying Walter E. Bruce from Midland to State Industrial School for Boys:	
	railroad fare from Midland to Flint and return, self.....	2 90
	" " Flint to Lansing.....	99
	" " Midland to Lansing, boy.....	2 45
	bus to school, Lansing.....	50
20	supper, lodging and breakfast at hotel.....	1 50
	railroad fare, Lansing to Flint.....	99
	supper at Flint.....	40
	2 days' time.....	6 00
17	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1885:	
	case of Walter E. Bruce.....	3 00
Feb. 27	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: investigating home of Lucy J. Brokaw, applicant.....	3 00
	horse and cutter 38 miles.....	3 00
	dinner for self and horse.....	40
Mar. 6	visiting home of Thompson Skidler and transferring him, \$3; horse and cutter, \$3.....	5 00
	Amount carried forward	\$35,044 38

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$35,044 26
Mar. 29	C. L. Jenney, For investigating home of Mrs. Orson Cady, applicant.....	3 00
9	horse and buggy 14 miles.....	2 00
	investigating home of Mrs. Westly Hepinstall, applicant for boy and girl.....	3 00
10-11	horse and buggy 15 miles.....	2 50
	investigating marriage of Minnie Horton.....	3 00
	horse and buggy 3 days.....	6 00
11	supper, lodging and breakfast for self and horse.....	1 25
May 11	dinner for self and horse.....	50
	C. A. Merrill, For conveying Ida May Moss, Bert Manning and Wina Bill Manning, from Kalamazoo county to State Public School:	
	1 fare Kalamazoo to Coldwater, self.....	1 80
	2 ½ fares Kalamazoo to Coldwater, children.....	1 80
	dinner for 4.....	75
	bus, depot to State Public School.....	75
	" State Public School to depot.....	50
	railroad fare Coldwater to Kalamazoo.....	1 80
12	hotel at White Pigeon.....	1 00
Mar. 29	conveying Henry Stroner from Kalamazoo to State Industrial School for Boys:	
	hack, jail to depot.....	50
	railroad, Kalamazoo to Lansing, both.....	4 10
	dinner at Lansing.....	50
	street car fare.....	10
	railroad fare, return to Battle Creek.....	90
	supper at Battle Creek.....	50
	hack to depot.....	25
	railroad fare Battle Creek to Kalamazoo.....	70
	one day.....	3 00
May 19	conveying Connie Mangan from Kalamazoo to State Industrial School for Boys:	
	hack from jail to depot.....	50
	railroad fare from Kalamazoo to Lansing, both.....	4 10
	street car, Lansing.....	10
	railroad fare Lansing to Battle Creek.....	90
	supper, Battle Creek.....	50
	street car, Battle Creek.....	10
	railroad fare Battle Creek to Kalamazoo.....	70
	one day.....	3 00
23	Alex. T. Montgomery, For conveying Mattie Robbins from Ionia to State Industrial Home for Girls:	
	2 tickets to Lansing from Ionia.....	2 30
	hack transfer, Lansing.....	50
	2 tickets, Lansing to Hillsdale.....	3 80
	2 dinners, Hillsdale.....	1 00
	2 tickets, Hillsdale to Adrian.....	2 00
	hack at Adrian.....	1 50
	supper at Adrian.....	50
24	1 ticket, Adrian to Jackson.....	1 35
	bed and breakfast at Hibbard house, Jackson.....	1 50
	railroad fare from Jackson to Lansing.....	1 10
	dinner at Lansing.....	50
	street car fare at Lansing.....	10
	railroad fare from Lansing to Ionia.....	1 15
	2 days' services.....	6 00
1	W. D. Moody, For conveying Lillie Vantassel from Mecosta to State Industrial home for Girls:	
	2 bus fares from jail to depot.....	50
	2 railroad tickets from Big Rapids to Adrian.....	10 50
	2 breakfasts at Grand Rapids.....	70
	2 bus fares at Sturgis.....	50
	2 dinners.....	1 00
	hack at Adrian.....	1 00
	1 supper at Adrian.....	50
	hack at depot.....	25
	railroad fare Adrian to Big Rapids.....	5 25
	transfer at Sturgis.....	25
	lodging.....	50
3	breakfast at Kalamazoo.....	50
	bus at Big Rapids.....	25
	2 days' time.....	6 00
	Amount carried forward	\$36,145 46

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1888.</i>	
	Amount brought forward	\$35,145 46
May 5	John W. Messner, For conveying Albert Tebo from Saginaw to State Industrial School for Boys: back at Saginaw	50
	railroad fare from Saginaw to Lansing, both	3 70
	back fare at Lansing	50
	dinner and supper at Lansing	1 00
	railroad fare Lansing to Saginaw	1 35
	1½ days' service	4 50
8	P. L. Merithew, For services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the superintendent of the State Public School: investigating case of Emil H. Byer at home	3 00
	livery	2 00
	dinner and horse feed	50
	postage and stationery	23
Apr. 11	investigating home of Truman Wainwright	3 00
	livery	2 00
	dinner and horse feed	50
13	investigating home of Emos Bunker	3 00
	livery	2 00
	dinner and horse feed	50
May 8	investigating home of William Olrich	3 00
	livery	2 00
	dinner and horse feed	50
10	investigating case of Ira A. Reggett	3 00
	livery	50
	dinner	25
11	investigating case of John Friesenfelt	3 00
	livery	2 00
	dinner and horse feed	50
10	transferring Ira A. Reggett from Howell to Wm. Olick, Deerfield, carriage	2 00
	dinner and horse feed	50
	postage and stationery	63
12	Alex. P. McManamy, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Reform School: visiting Mickie Smith, ward	1 50
	visiting home of Charles Warren, ward of Reform School	1 50
13	" " Burt Yelnele, ward of Reform School	3 00
	railroad fare to Cadillac and return	65
	dinner at Cadillac	25
	visiting Arthur Miller, ward, living with his parents	25
15	investigating home of C. M. Bumps, applicant for child	1 50
	writing material and postage stamps from Dec. 17 to May 6	1 20
Apr. 21	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Elmer Blund, charge assault, before J. R. Bishop	3 00
	railroad fare to Cadillac and return	65
	supper at Cadillac	25
29	case of Willie Brackett, charge assault before J. R. Bishop	3 00
	railroad fare to Cadillac and return	65
	supper, Cadillac	25
May 16	services and expenses relating to the indenture, adoption or visiting of chil- dren by direction of the Superintendent State Public School: visiting Otis Haight, ward living with Frank Felechs, and Ben. Haight, ward living with John Welch, and Lewis Hays, ward living with N. Moffit	3 00
	livery in above cases	1 25
Apr. 24	Albert Miller, For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Alphonse N. Bonner, Walter N. Grant and Richard Compeau, \$3.00; two trips to West Bay City, \$2.00	5 00
29	cases of Addie Markel	3 00
	hack	50
May 5	case of Anthony Grisdale	3 00
	hack	50
12	case of Frank Hebner and Joseph Schantoy	3 00
	hack	50
9	case of Leah Richards	3 00
	hack, West Bay City	1 00
22	case of Francis Thompson	3 00
	hack	50
	Amount carried forward	\$35,237 02

GENERAL ALLOWANCE.

Date.	Items.	Amount.
<i>Allowed May 31, 1893.</i>		
	Amount brought forward	\$35,287 02
May 11	Albert Miller, For services and expenses relating to the indenture, adoption or visiting of children by direction of the Superintendent of the Industrial School: investigating home of Anthony Beesmith, an inmate of Industrial School, with a view of his return	3 00
	hack	1 00
12	visiting Willis Greenburst on leave of absence from Industrial School and report, railroad fare	1 00
	hack at Bay City, 50c; livery at Pineconning, \$1.00	1 50
	dinner at Pineconning	25
13	search for homes of John Fowler and — Collins, inmates	3 00
	hack	2 00
19	visiting home of Daniel Grimes on leave of absence with view of discharge. hack	3 00
	hack	1 00
1892		
July 1	Angus McDowell, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of State Public School: investigating home of Manly Lincoln, applicant for child from the State School, \$3.00; livery, \$1.00	4 00
Sept. 10	investigating home of Wilfred Burns, applicant for child, \$3.00; livery, \$1.00	4 00
1893		
Feb. 11	" " " Mrs. Jaxon, applicant for child	3 00
	livery	2 00
15	investigating home of Edward Center, applicant for his own child from State Public School	3 00
	railroad fare, 80c; dinner, 50c	1 30
Mar. 8	visiting home of Arthur Drexler, ward of State Public School	3 00
	livery	1 50
10	visiting home of James A. Green, ward State Public School	3 00
	livery 10 miles	2 00
11	visiting home of Edwin Brown, ward State Public School	3 00
	livery	2 00
Feb. 8	Chas. D. Petershan, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: to secure a home for Freddy Smith	3 00
	livery 25 miles	1 50
	board and horse feed	50
7	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 163, laws of 1893: case of Martin Wright for larceny, before Reguick	3 00
	board	75
	postage and stationery from May 8, 1892 to May 1, 1893	1 50
28	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Reform School: inspecting home of Geo. B. Cook, Wisner	3 00
	livery 56 miles	2 00
	board and horse feed	50
Jan. 6	visiting Wm. Field Morse, with Floyd Allen	3 00
	livery 6 miles	1 50
	board and horse feed	50
Mar. 23	inspecting home of Walter Hageboone	3 00
	livery 7 miles	1 50
	board and horse feed	50
Apr. 11	visiting James Murphy at home of Anna Cook	3 00
	livery 30 miles	2 00
	board and horse feed	50
14	visiting Lewis W. Delong at Daniel Sheldon's	3 00
	rig 3 miles	1 50
	board and horse feed	50
15	visiting Chas. Thompson at home of J. B. Lake	3 00
	livery 56 miles	3 00
	horse feed and board	1 00
	Frank C. Platz, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School: visiting Geo. Kent, investigating charge against Anson Kelly for abusing Geo. Kent	3 00
8	visiting Martin Kulke	3 00
	livery 14 miles and return	2 00
10	visiting Jud Peck	3 00
	livery 4 miles and return	1 50
	Amount carried forward	\$35,340 32

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward.....	\$25,240 22
Apr. 11	Frank C. Plata.....	
	For visiting Clarence Tupper, \$3.00; livery, 3/4 miles, \$1.00.....	4 00
29	" Anna Depeal, \$3.00; livery, 9 miles, \$1.75.....	4 75
May 2	" Benjamin Thompson, \$3.00; livery, 10 miles, \$1.75.....	4 75
3	" Mary Virtiquesme and Eber Brown, \$3.00; livery, \$1.75.....	4 75
4	" Welcome Butterworth, \$3.00; livery, 9 miles, \$1.75.....	4 75
5	" Oliver Henry, \$3.00; livery, 14 miles, \$2.00.....	5 00
	Investigations and expenses in connection with inspecting jail: one day.....	3 00
Feb. 11	Frank Pervorse.....	
May 11	For conveying Jesse Allen from Harrison to State Industrial School for Boys: railroad fare, Harrison to Lansing, self and prisoner.....	7 30
	dinner, Saginaw, both.....	1 00
	supper, Lansing, self.....	50
	lodging, Lansing, self.....	50
12	breakfast, Lansing, self.....	50
	railroad fare, Lansing to Harrison.....	3 05
	dinner at Alma.....	50
	supper at Clare.....	50
	two days' time.....	6 00
20	Chas. E. Robinson.....	
	For conveying Wm. Cradt, Jr., from South Haven to State Industrial School: railroad fare, Lawrence to South Haven.....	75
	dinner.....	50
	railroad fare, South Haven to Lawrence, both.....	1 50
	livery.....	75
	one day.....	3 00
22	board for boy over Sunday, four meals.....	1 00
	livery to Lawrence from my home for boy.....	1 50
	lunch at Lawton.....	25
	railroad fare, Lawton to Lansing, both.....	7 20
	hack to school, 50c; one day, \$3.00.....	3 40
23	railroad fare, Lansing to Lawton, \$3.60; livery, \$1.50; lunch, 15c.....	5 25
	one day.....	3 00
Apr. 30	A. G. Runnels.....	
	For conveying Arthur H. Brady from Newaygo to State Reform School: one and a half fare to Grand Rapids.....	1 65
	2 dinners.....	1 00
	one and a half fare Grand Rapids to Lansing.....	2 95
	board.....	2 00
	railroad fare, return to Grand Rapids.....	3 05
	2 days.....	6 00
20	Charles N. Race.....	
	services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of State Public School: visiting Robert E. Burke, ward, living with Jno. Connely.....	3 00
	livery, 34 miles.....	3 00
	dinner and supper, 75c; horse feed, 40c.....	1 15
27	investigating home of Thomas McGraw, applicant for boy.....	3 00
	livery, 36 miles.....	3 00
	dinner, supper and horse feed.....	1 00
May 4	placing Wm. Hagadone in the home of Thos. McGraw.....	3 00
	livery, 36 miles.....	3 00
	dinner and horse feed.....	70
10	visiting Lester Palmeter, ward, living with parents.....	3 00
	livery.....	1 00
	dinner.....	40
23	conveying Frank Thomas from Owosso to State Industrial School: hack.....	50
	fare to Lansing, both.....	1 00
	meals.....	1 00
	fare to Owosso, self, 80c; hack, 25c.....	1 05
	1 day.....	3 00
Apr. 25	Investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 163, laws of 1883: case of Eli Sawtell, charge truancy, before J. G. Knight.....	3 00
	livery.....	1 50
	dinner, supper and horse feed.....	1 00
May 1	case of Eugene Perry and Arthur Perry, truancy, before J. G. Knight.....	3 00
	car fare.....	15
	dinner and supper.....	80
3	case of Frank Curd, charge of larceny, before J. G. Knight.....	3 00
	livery.....	1 50
	dinner, supper and horse feed.....	1 00
	Amount carried forward.....	\$25,483 97

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$35,483 97
May 2	Charles N. Race,	
	For case of Frank Bently, charge of forgery, before Judge Newton	3 00
	dinner, supper and horse feed	1 00
	livery	1 50
22	investigating case of Frank Thomas, larceny, before Judge Newton	3 00
	livery	1 00
	dinner and supper	80
	services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the superintendent of the State Public School:	
5	investigating home of Wm. Francis, applicant for boy	2 00
	livery 24 miles	3 00
	dinner and horse feed	70
12	investigating home of J. E. Cook, applicant for girl	3 00
	livery 16 miles	2 00
	dinner and horse feed	70
8	visiting Mary Blower, ward at the home of Jerome Markham, \$1.50; livery	
	12 miles, \$2.00	3 50
20	W. L. Stevens,	
	For conveying Charles Smith from Grand Rapids to State Industrial School for	
	Boys:	
	one day	3 00
	hack	50
	railroad fare from Grand Rapids to Lansing, self	1 25
	boy	1 00
	hack at Lansing	50
	dinner at Lansing	50
	railroad fare from Lansing to Grand Rapids	1 25
	street car fare	05
11	Geo. P. Stevens,	
	For services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the Superintendent of the Industrial Home:	
	investigating home of A. F. Anderson, a ward	3 00
	railroad fare to Eaton Rapids and return	1 07
	dinner at Eaton Rapids	50
	livery 5 miles	1 25
12	investigating home of Ernest Wright	3 00
	supper, lodging and breakfast	70
	dinner at Charlotte	25
Apr. 28	investigating home of Emerson Kinne, applicant for child	3 00
	livery 28 miles	2 00
	supper, lodging and breakfast	75
	horse feed	50
May 16	investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 168, laws 1885:	
	case of Daniel A. McLandin, charge truancy, before K. D. Keyes	3 00
	livery 10 miles	1 00
	dinner and horse feed	50
3	case of Wm. Dew charged with truancy before Geo. W. Irish	3 00
	railroad fare to Grand Ledge and return	1 25
	dinner at Grand Ledge	50
	lodging and breakfast at Charlotte	50
Apr. 20	services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the Superintendent of the Industrial Home:	
	investigating home of Thos. Wood, applicant for girl	3 00
	railroad fare Bellevue to Eaton Rapids and return	1 12
	supper at Eaton Rapids	50
	lodging and breakfast at Charlotte	50
Jan. 26	Thos. Shaw,	
	For services and expenses relating to the indenture, adoption or visiting of chil-	
	dren by direction of the Superintendent of the Industrial Home:	
	transferring Truman Howard, railroad, to Mecosta and return	80
	livery and dinner, 22 miles	1 75
	time	3 00
Feb. 8	investigating home of Mrs. Maggie Austine	3 00
	" Samuel Belcher	3 00
	railroad fare to Stanwood and return	50
	livery, 16 miles	1 50
	dinner	25
Jan. 23	Edward Taylor,	
	For investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 168, laws of 1885:	
	case of Nellie B. Hoobin, for truancy	1 00
	livery, \$1.00; dinner, 35c	1 25
	Amount carried forward	\$35,567 29

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$35,567 29
Jan. 23	Edward Taylor, For livery, case of Charles B. Warner, \$1.00; dinner, 35c	1 35
	street car fare, case of Byron Gales, 10c; dinner, 35c	45
May 24	case of Harry Wickwire, livery, \$1.00; dinner, 35c	1 35
Jan. 26	postage and stationery	3 12
	services and expenses relating to the indenture, adoption or visiting of children by the direction of the superintendent of the Industrial Home:	
	livery, Frank Hilt case, \$2.00; dinner, 35c	2 35
31	" Chancey Young case, \$2.00; dinner, 35c	2 35
Feb. 1	" Sam Driscoll case, \$2.50; dinner and supper, 70c	3 20
Mar. 31	" Chas. Angerine case, \$2.00; dinner, 35c	2 35
Apr. 4	" J. D. Thorne case, \$2.00; dinner, 35c	2 35
6	" Elmer Reves case, \$2.00; dinner, 35c	2 35
8	" Dan Geary case	1 00
15	" Milton Kine case, \$2.50; dinner, 35c	2 35
May 10	" Chancey Young case, \$2.00; dinner, 35c	2 35
16	" James Toole case, \$1.50; dinner, 35c	1 55
13	railroad fare to Eaton Rapids	70
	" Eaton Rapids to Springport	30
	livery, Miller case	1 50
	dinner and supper, \$1.00; return fare to Jackson, \$1.00	2 00
25	livery, Lount case, \$2.50; dinner and supper, 70c	3 20
Feb. 9	investigating home of Spencer Land	3 00
	livery 10 miles	1 50
	dinner	35
Mar. 8	investigating home of M. L. Dean	3 00
	conveyance 26 miles	2 50
	dinner and supper	70
23	livery, Stone case, \$2; dinner and supper, 70c, direction State Public School	2 70
24	" Slayton case	1 00
27	" McGraw case	1 00
28	" Sweet case, \$2; dinner, 35c	2 35
Apr. 7	" True case, \$2; dinner and supper 70c	2 70
12	" Shephard case, \$2; dinner and supper 70c	2 70
31	" Bronson case	1 00
May 3	" Conner case, \$2; dinner, 35c	2 35
	street car fare	10
11	Daniel C. Wachs, For conveying Cornelia Johune Van Douzen from Grand Haven to State Indus- trial Home for Girls:	
	railroad fare Grand Haven to Adrian both, \$6.50 each	13 00
	2 dinners Milan, \$1; hack, \$1	2 00
12	lodging and breakfast	1 00
	railroad fare, return to Grand Haven	6 50
	dinner Grand Rapids	30
	2 days' services	6 00
9	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
	case of Cornelia Johune Van Douzen charged with running away from home, before Wm. N. Angel, justice of the peace	3 00
17	case of Harry Weescomb charged with setting fire to grass and shavings under a school house, before C. T. Pagelson, justice of the peace	3 00
6	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting Harry Edgings, ward, living with James Tripp, 1 day	3 00
	livery 14 miles	2 00
	dinner, 25c; horse feed, 25c	50
April 5	investigating home of Jacob Traas, ward of State Reform School	3 00
	railroad fare to Holland and return	1 30
	supper at Holland	25
May 18	investigating home of Henry Weber, ward of Reform School	3 00
	railroad fare to Spring Lake and return	20
22	Chas. W. Whitehead, For conveying Glenn Warner from Niles to State Industrial School for Boys:	
	railroad fare from Niles to Lansing, both	5 60
	" " Benton Harbor to Niles, self	70
23	" " Lansing to Benton Harbor	3 50
22	2 dinners	70
	transfers at Lansing	50
	dinner	50
	2 days' services	6 00
	Amount carried forward	\$35,694 76

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward	\$35,694 76
Apr. 26	Chas. W. Whitehead, For conveying Wm. Vosburgh from St. Joseph to Industrial School for Boys: railroad fares from St. Joseph to South Bend for two.....	2 20
	street car fares.....	10
	two dinners.....	50
	railroad fares from South Bend to Lansing.....	5 02
	transfer to School at Lansing.....	50
27	railroad fare from Lansing to Grand Rapids.....	1 90
	" " " Grand Rapids to Benton Harbor.....	1 35
	dinner at Grand Rapids.....	50
	2 days' services.....	6 00
	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885:	
May 25	case of Ernest Lima for general lawlessness before Chas. Hinderar, justice of the peace.....	3 00
	railroad fare from Benton Harbor to Niles.....	1 40
	hotel at Niles.....	1 50
	livery.....	1 00
	hack, 50c; telephone, 40c.....	90
Apr. 29	case of Seraie Dougherty before Justice Hughson.....	3 00
	car fare.....	20
	dinner, St. Joseph.....	35
May 5	case of Lydia Gannell, before Justice Hughson.....	3 00
	car fare, 20c; dinner, St. Joseph, 35c.....	55
18	case of Glen Warner before Justice Chas. Hinder.....	3 00
	railroad fare, Benton Harbor to Niles and return.....	1 40
	hotel bill.....	1 50
	telephone, 30c; postage, 10c.....	40
19	case of Chester Burrows before Justice Hughson.....	3 00
	hotel bill, Niles.....	1 50
13	services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial School: investigating home of Albert Hartman, an inmate of Industrial School.....	3 00
24	Malcom H. Wing, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the Industrial School: visiting Geo. Forbes, ward of the Industrial School.....	3 00
	railroad fare to Plainville and return.....	75
	dinner.....	25
	bus, Allegan.....	25
3	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885: case of Adam Ernsman, charge, assault and battery.....	3 00
	livery team.....	3 00
	horse feed, Wayland.....	50
	dinner at.....	25
4	case of Wm. D. Pratt, charge larceny, before John Heath.....	3 00
	railroad fare to Plainville and return.....	95
	hack, Plainville.....	50
	dinner, Plainville.....	25
	telephone W. H. S. Wood.....	30
5	case of Lena Miner, charge truancy, before L. D. Chapple.....	3 00
	livery.....	2 00
	horse feed, 25c; dinner, 25c.....	50
2	Edwin G. Wilson, For conveying Thressa Beck from Adrian to State Industrial Home, Adrian: delivering Thressa Beck to Industrial Home.....	3 00
Apr. 20	Frank R. Warner, For conveying Bertha Burns from Sault Ste Marie to State Industrial Home for Girls: railroad fares for two, Sault Ste Marie to Adrian.....	25 90
	supper, Sault Ste Marie.....	1 00
	bus to depot, Sault Ste Marie.....	50
21	lodging, St. Ignace.....	50
	breakfast, Mackinaw City.....	1 00
	dinner, Bay City.....	1 00
	supper, Bay City.....	1 00
22	lodging and breakfast, Jackson.....	2 50
	bus fares, Jackson, 4.....	1 00
	hack, Adrian to Industrial Home.....	1 00
	railroad fare, Adrian to Lansing.....	2 55
	dinner at Hillsdale.....	50
	supper at Lansing.....	50
	Amount carried forward	\$36,794 96

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
	Amount brought forward.....	\$25,784 98
Apr. 22	Frank R. Warner,	
	For fare, Lansing to Mackinaw City.....	7 60
23	sleeper, Bay City to Mackinaw City.....	1 50
	breakfast, Mackinaw City.....	50
	railroad fare, Mackinaw City to St. Ignace.....	50
	bus, depot.....	2 85
	3 days.....	9 00
3	A. H. Beaver,	
	For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885:	
	investigating case of Chas. Harrison, charge larceny, before Stempell, \$3.00;	
	car fare, 10c.....	3 10
4	case of Harry Harrison, charge larceny, before Otto Stempell.....	3 00
	car fare.....	10
6	case of William Tebo, charge truancy, before J. Bulger.....	3 00
	car fare.....	20
13	case of William Marlow, charge intoxication, before O. Stempell.....	3 00
	dinner, 50c; car fare, 20c.....	70
14	case of John Ceaser, charge larceny, before O. Stempell.....	3 00
	car fare.....	10
15	case of James Ceaser, charge larceny, before O. Stempell.....	3 00
	car fare.....	10
17	case of James Judd, charge vagrancy, before O. Stempell.....	3 00
	car fare.....	20
19	case of John Beuchern, charge larceny, before Goldsmith.....	3 00
	car fare.....	20
20	case of Wm. Derinn, charge larceny, before Goldsmith.....	3 00
	car fare.....	10
21	case of Charles Perry, charge larceny, before Goldsmith.....	3 00
	car fare.....	10
24	case of Albert Tebo, charge larceny, before Judge Gage.....	3 00
	car fare.....	20
May 31	Chas. Hassa,	
	For 31 day's services as legislative stationer, @ \$3.00.....	93 00
Apr. 22	W. D. Fuller,	
	For expense on records, briefs, etc., to and from Lansing.....	2 10
May 26	postage on proof to Lansing.....	2 25
	telephoning to Lansing.....	1 00
	postage at Lansing.....	50
Apr. 20	K. Franc Lawlor,	
	For taking stenographic notes of examination of Peter Rivers, Wm. A. Jackson, John Speidel and Marcus M. Shaffer before Justice Dolan at State Industrial School, and typewriting same, 144 folios (see act 132, public acts of 1897).....	14 40
	¼ day taking testimony, @ \$5.00.....	2 50
May 25	Robert Smith & Co.,	
	For paste furnished the Senate during the entire session of 5 months.....	10 00
	House.....	15 00
Apr. 26	paid Chas. Graham for hauling paper.....	50
	<i>Allowed June 23, 1898.</i>	
June 23	Joseph Nicholson,	
	For transferring Geo. Robinson and Henry Bartel from Detroit to Ionia, Mich.:.....	
	two fares to Ionia, Mich., at \$3.70 each.....	7 40
	officer, to Ionia, Mich., and return.....	6 00
	expense, two meals.....	1 00
Apr. 24	W. H. Wiand,	
	For visiting Vina Middaugh at Burr Oak, railroad fare.....	1 00
	livery, 3 miles, \$1.00; supper, 40c.....	1 40
June 1	taking three wards to Grand Rapids, railroad fare from Coldwater.....	3 25
	hack, 25c; street car fare, 50c.....	60
2	telephone message to county agent in Newaygo.....	35
3	railroad fare, round trip to Bailey.....	1 35
	hotel, Grand Rapids, 2 days.....	5 00
	hack, 25c; railroad fare to Coldwater, \$3.50.....	3 75
May 18	F. H. Fifield,	
	For transferring Anthony Bolzer, George Freeman and Thos. White from Jackson to Ionia:	
	railroad fare for self and 3 convicts from Jackson to Lansing.....	4 20
	Lansing to Ionia, \$1.40; railroad, Ionia to Jackson, \$2.15.....	6 35
	meals at Lansing and Ionia.....	1 50
	Amount carried forward.....	\$36,028 53

GENERAL ALLOWANCE:

Date.	Items.	Amount.
	<i>Allowed June 28, 1896.</i>	
	Amount brought forward.....	\$26,028 33
May 29	Joseph Nicholson. For transferring Peter Olesen, Watson Cornell and Frank Knowlton from Detroit to Ionia: three railroad fares to Ionia @ \$3.70 each	11 10 6 85
	one railroad fare and return expenses	1 00
June 1	Michael Brenner, For conveying Geo. Lewis from Ann Arbor to State Industrial School for Boys: railroad fare, Lansing to Ann Arbor, both	3 20
	back at Ann Arbor, 50c; at Lansing, 75c, and dinner, 50c	1 75
	railroad fare, Lansing to Ann Arbor, \$1.50; supper, 50c	2 40
	1½ day's service	3 00
13	Geo. Ball, For conveying John Edward Vanfleet from Ann Arbor to State Industrial School for Boys:	
	dinner for boy at Dexter	25
14	back at Ann Arbor	50
	railroad fare Ann Arbor to Lansing	3 25
	" " " " boy	1 00
	back at Lansing	75
	railroad fare from Lansing to Ann Arbor	2 25
	supper at Jackson	50
May 27	A. H. Beaver For investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 188, laws of 1888:	
	case of Harry John Beeves charged with larceny, and car fare	1 00
June 14	car fares in different cases	1 00
May 13	Charles D. Blanchard, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of State Industrial School:	
	visiting home of Joseph Newman	3 00
	transportation from Marquette to Champion	1 25
	bus fare	25
	dinner at Beacon	50
	bus fare from Beacon to Memphis	25
	transportation from Champion to Marquette	1 25
1	Hesekiah Brown, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating application of Wm. H. Bouten, \$3.00; livery, \$1.00	4 00
3	delivered Leonard Baird to Mrs. Wileand, visit, \$3.00; fare, 75c	3 75
	one-half fare for boy, 20c; dinner for both, 50c	70
	stable in Ewart, 50c; postage, 6c	56
8	visited Audley White with Cody Hersey	3 00
	livery, \$2.00; dinner for self and horse, 60c	2 60
10	visited Ludwig Kinzle, with Mr. Hersey	3 00
	livery, \$2.00; dinner and horse feed, 60c	2 60
11	visited John Johnson, with Geo. Ekler	3 00
	livery, 33 miles	2 50
15	visited Eva Reynolds	3 00
	livery, \$2.50; dinner and horse feed, 50c	3 00
16	visited Goldie Mitchell at C. Clark's	3 00
	livery, \$2.50; dinner and horse feed, 60c	3 10
17	visited Leroy Fikie, with Martha Butler	3 00
	livery, \$2.50; dinner, 50c	3 00
20	visited Gustav Strobell, with Jos. Sims	3 00
	livery, \$2.50; dinner, 50c	3 00
30	visited Elizabeth Perry, with Holdridge Hersey	3 00
	livery, round trip 47 miles	2 50
June 23	Watson F. Bisbee, services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent Industrial School:	
	visiting James McMann at his parents' home	3 00
	bus fare	25
	railroad fare	1 50
	dinner at Whitmore	25
	livery	1 00
	bus	25
24	visiting Claude Phelps, living with his father	3 00
	conveying Chas. Burk from An Sable to State Industrial School:	
12	1 day going to Lansing	3 00
13	1 " returning from Lansing	3 00
14	1 " " " " "	3 00
	Amount carried forward	\$26,147 69

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
June 14	Amount brought forward	\$36,147 69
	Watson F. Bisbee,	
	For bus fare, both	50
	lunch at Alger, both	50
	supper, Bay City, \$1.00; railroad fare to Lansing and return, \$3.95	9 95
	railroad fare to Lansing, child	2 45
	dinner, Owosso, 25c; supper, 50c	75
	lodging and breakfast, Saginaw	50
	lunch at Bay City, 25c; bus Au Sable, 25c	50
	Thomas Dawson,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent Reform School:	
8	visiting Eugene Knappen with Fred Kerner and Walter Thompson with Ezra Burr	3 00
	livery, Lennox and return, \$1.00; railroad fare, Mt. Clemens and return, 90c	1 90
	\$1.50; hotel at Mt. Clemens, \$1.50	3 00
9	visiting Frank Lempke with John Yerson and Geo. Baker with John Yhoel	3 00
	livery	2 00
22	Richard Quinn with Leonard Stricker, Simeon Coons with Lewis Gerlock and Henry LaGeorge with Cesar LaGeorge	3 00
28	Theodore Britton with Henry Havel, Joseph Paschke with John W. Miller, Frank Haymaker with Harry Joet and George Miller with William Gattzen	3 00
24	William Kohn with Conrad Nicol and Willie Hall with John Wolf	3 00
22	Lenox and return, \$1.00; Mt. Clemens and return, 90c; livery, \$1.50; hotel, \$1.00	4 40
	railroad fare, Fraser and return	20
28	livery all day, \$2.00; hotel, \$2.00	4 00
24	1/2 \$1.50; 50c	2 00
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 163, laws of 1886:	
1	case of Sylvester Paltier, charged with assault and battery before W. E. Harton, J. P.	3 00
	Lenox and return, livery, \$1.00; railroad fare, Mt. Clemens and return, 90c	1 90
	dinner at Mt. Clemens	50
5	case of Herbert and Ezra Dudley, charged with assault and battery before G. W. Phillips, J. P.	3 00
	livery, Romeo and return	2 00
	hotel bill including horse fare	1 60
19	M. Durocher,	
	For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the Reform School:	
	visiting Arthur Brandel at Iron Mountain	3 00
Mar. 20	fare to Iron Mountain and return, \$3.90; dinner, 50c; supper, 50c	4 90
	R. E. Finch,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating home of Mr. F. C. Deesner, for child	3 00
Apr. 11	visiting Frank Farwell, a ward	3 00
May 1	" home of Geo. Stockton, for a child	3 00
24	" Isaac Fisher's home, investigating Margaret Brydges, \$3; dinner and horse feed, \$1	4 00
	railroad fare	1 00
29	conveying Ida May Colwell, Clara Viola Colwell, and Charles and John Colwell to State Public School from Gladwin:	
	railroad fare Gladwin to Jackson for self and return	8 30
	3/4 fare tickets	6 90
	dinner for self and 4 children at Jackson	2 50
	railroad fare Jackson to Jonesville, self and children	3 15
	Jonesville to Coldwater, self and children	2 25
	supper for all	2 50
30	lodging and breakfast for all at Coldwater	4 50
	hack to and from State Public School	1 50
	dinner, self	50
	hack to Jonesville	25
	supper, lodging and breakfast, Saginaw	2 00
	hack, Saginaw	50
	dinner "	50
Apr. 4	D. B. Greene,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visit to Dexter, Fred Wyman in matter of Grace Shepard, question of removal	3 00
	railroad fare both ways	90
	Amount carried forward	\$36,268 49

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GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1893.</i>	
	Amount brought forward	\$36,288 49
May 10	D. B. Greene	
	For visited home of Charles G. Wheeler, applicant for a girl	3 00
	livery	1 50
June 6	visiting Fred Wyman, case of outside complaint of ill treatment of Grace Shepard	3 00
	railroad fare both ways	90
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885.	
Apr. 12	case of Jessie M. Edwards, disorderly	3 00
	livery and horse feed, \$1.75; dinner, 40c; telegraph, 25c	2 40
17	one-half day at Ann Arbor, case of Geo. and Ned Weber, traant and disorderly	1 50
	car fare	30
20	investigating complaint of Judia Garlick	2 00
31	case of Geo. Lewis, larceny, Industrial School for Boys	3 00
	fares	30
June 13	case of John Edward Van Flat, larceny	3 00
	railroad fare both ways	90
16	case of Richard Zebb, charge of felonious house breaking	1 50
12	P. M. Glanville,	
	For conveying Geo. Chapman from Newaygo county to State Public School:	
	livery from Dayton to Newaygo	2 00
13	railroad fare from Newaygo to Coldwater, both	6 55
	hotel at Grand Rapids	75
	bus at Sturgis	50
14	hotel at Coldwater	2 00
	hack	75
	railroad fare from Coldwater to Newaygo	4 35
	hotel expense at Grand Rapids	1 25
Mar. 10	John W. Holcomb,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	investigating home of Leonard Grem, 2 hours	80
20	" " John Zimmerman, with regards to his release	1 00
21	" " Frank Lamb, 2 hours	80
29	" " Willie Willis and John Van Houten	1 00
Apr. 7	" " Leonard Stoneburn and Brookwerger	1 00
	" " Nelson Rawson and investigating home as to residence of Warner Ross	1 00
22	visiting home of Gerret Wilmewish	1 00
17	" " H. H. Ward	1 00
May 8	" " Willie Reid	2 00
10	" " Frank Irwin's parents	30
	" " Edward Ross	30
17	" " Frank Gregg	60
	" " Jas. Croll, applicant for Frank Green	1 00
June 19	" " C. Van Papering, Geo. Arnold and Leonard Green	1 50
	expense visiting John Zimmerman, car fare	20
	" " Leonard Green,	15
20	" " Frank Lant,	10
Mar. 21	" " Wesley Willis, horse and buggy	1 00
29	" " Leonard Stoneburg,	75
Apr. 7	" " Mr. Huntley,	1 25
22	" " car fare, 2 visits to Gerret Wilmewish	20
May 3	" " horse and buggy to home of Willie Reid	1 65
	" " feed and dinner	68
10	" " car fare to home of Frank Irwin	10
	" " " " Gregg	10
18	" " " " Green	10
June 19	" " horse and buggy, home of C. Van Papering, Geo. Arnold and Leonard Green	1 00
May 12	conveying Edgar Reeves from Grand Rapids to State Industrial School:	
	one day's service	3 00
	hack, Grand Rapids	50
	railroad fare Grand Rapids to Lansing and return, self	3 90
	" " " " boy	1 00
	dinner at Lansing	50
	hack at Lansing	50
	street car, Grand Rapids	05
	conveying Emma Pegrann from Grand Rapids to State Industrial Home for Girls:	
June 23	two days' services	6 00
	hack at Grand Rapids	50
	Amount carried forward	\$36,350 06

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 23, 1893.</i>	
	Amount brought forward	\$36,350 05
June 23	John W. Holcomb,	
	For railroad fare, Grand Rapids to Adrian, self and girl	8 10
	two suppers at White Pigeon	1 00
	telegram	25
24	hack at Adrian	1 00
	street car, Adrian	05
	railroad fare, Adrian to Grand Rapids	4 05
	dinner at White Pigeon	50
	car fare at Grand Rapids	05
21	Mrs. Headley,	
	For conveying Kernwick from Kent county to State Public School:	
	railroad fare, Grand Rapids to White Pigeon and return, self	4 25
	" " " " boy	1 50
	" " " " White Pigeon to Coldwater and return, self, and railroad 1/4	
	fare, White Pigeon to Coldwater, boy	2 35
	hack, Coldwater	1 25
	street car fare	20
	two meals	1 00
2	Dennis John,	
	For conveying Sylvester Peltier from Mt. Clemens to State Reform School:	
	bus at Mt. Clemens	50
	railroad fare, Mt. Clemens to Detroit, self	50
	" " " " boy	50
	street car fare, Detroit	50
	railroad fare, Detroit to Lansing and return, \$4.00; boy, \$1.30	5 80
	dinner, both, \$1.00; bus, Lansing, 50c	1 50
	supper, lodging and breakfast, Detroit	1 50
	street car, Detroit	10
3	fare, Detroit to Mt. Clemens	50
	one day	3 00
	C. Larzelere,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the Supt. of the Reform School:	
15	investigating home of Fred Smith	3 00
	livery, \$3.00; dinner, 40c; horse feed, 50c	3 90
10	visiting Alice Smith, living with B. H. Fowler	3 00
	livery 30 miles	3 00
	investigations and expenses in connection with complaints against juvenile	
	offenders under Sec. 2, Act 168, laws of 1885:	
20	case of Cora Wayenson before H. C. Harrison	3 00
	livery team 20 miles	2 00
	dinner at Cassopolis	40
	horse feed	25
20	conveying Cora Wayenson from Cassopolis to State Ind. Home at Adrian:	
	supper self and girl, Dowagiac	78
	railroad fare self and girl, Dowagiac to Jackson	6 20
21	railroad fare self and girl, Jackson to Adrian	2 50
	breakfast at Jackson	75
	hack at Adrian	1 00
	railroad fare Adrian to Jackson, self	1 40
	railroad fare Jackson to Dowagiac	3 10
	dinner at Jackson	50
	time conveying	3 00
	Albert Miller,	
	For services and expenses relating to the indenture, adoption or visiting of	
	children by direction of the Supt. of the Ind. School:	
12	investigating condition of James Sills on leave of absence, with view of	
	discharge	3 00
	hack	1 00
14	investigating condition of John Richards on leave of absence	3 00
	expenses	2 00
15	visiting home of Wm. Hilliday	3 00
	expense, hack	1 00
16	visiting parents of Willie Suren	3 00
	expense, hack	1 00
24	visiting and reporting condition of home of Arthur Bissonwith, with view	
	of his release	3 00
	hack	1 00
	investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 168, laws of 1885:	
3	case of Wilson Teal	3 00
	hack expense	50
13	case of Wm. Thowbin	3 00
	hack	50
	stationery and postage, 16 letters @ 3c	48
	Amount carried forward	\$36,456 96

GENERAL ALLOWANCE.

Date.	Items.	Amount.
		<i>Allowed June 28, 1893.</i>
	Amount brought forward	\$36,456 36
May 18	W. H. McCartney, services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: visiting Ellen Cronkwright	3 00
	livery	1 00
19	visiting Earl Cross, \$3.00; Howard Fairbanks, \$3.00	6 00
	horse and buggy, 5 miles and return	1 50
27	visiting Frank Baker	3 00
28	" Phillip Rodda	3 00
	livery, Charlevoix to Petoskey and return	4 00
	feed for horse	1 00
	meals and lodging for self	2 50
June 1	visiting Walter Stevens	3 00
	boat to East Jordan and return	1 00
	livery 4 miles	1 25
	investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885:	
Apr. 7	case of Earl Tompkins, larceny	2 00
10	telephone to Petoskey marshal	25
May 1	case of Earl Tompkins, profanity and obscenity	3 00
June 9	" Al. Greenwood, entering house, stealing money and goods	3 00
May 31	boat to East Jordan and return and dinner	1 50
	A. Meads, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting Lottie Clark and Orme A. Green	3 00
	horse and buggy	3 00
June 1	visiting Minnie Manning, Harry Bartlett and Roon Lezzett	3 00
7	P. L. Merithew, For services and expenses relating to the indenture, adoption or visiting of children, by direction of the superintendent of the State Public School: transferring John White from Howell to Tourman Wainwright, Marrin, carriage	1 50
	supper	25
12	investigating case of Fred Bowman, and carriage	5 00
	dinner and horse feed	50
18	investigating home of Martin Wilmore, and carriage	5 00
	dinner and horse feed	50
16	investigating case of Lewis Boyer, and carriage	5 00
	dinner and horse feed	50
20	investigating case of Frank Fry, and carriage	5 00
	dinner and horse feed	50
21	investigating case of Frank Flint	3 00
	carriage, \$2.00; dinner and horse feed, 50c	2 50
22	investigating case of John Best	3 00
	carriage	50
	supper	25
23-24	investigating case of Charles Currey	3 00
	livery, 2 days	4 00
	dinners, two	50
	horse feed	50
May 26	John W. Nicholson, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
	visiting Willie Smith, Eddie L. Shinn and W. W. Clark, railroad fare in above case to Chace and return	1 50
	livery, \$2.00; dinner, 50c; horse feed, 35c	2 75
	making visits, one day	3 00
27	visiting Lawrence La Sana, Steph. Morris and Geo. Stage	3 00
	livery, \$2.00; dinner, 50c	2 50
1892	Hiram Parker, For services and expenses relating to the indenture, adoption or visiting of children by direction of the superintendent of the State Public School:	
Dec. 2	visiting Geo. P. Hutchinson, with Alex. Gullbow	3 00
	railroad fare to Arbor Springs and return	45
1893		
Feb. 15	investigating home of Mary Kipp, applicant for boy	3 00
	railroad fare to Conway and return	35
	dinner at Conway	25
Apr. 12	visiting Geo. P. Hutchinson, with Alex. Gullbow	3 00
	railroad fare to Arbor Springs and return	45
	dinner, Arbor Springs	25
	Amount carried forward	\$36,570 96

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1883.</i>	
	Amount brought forward	\$36,570 98
Apr. 14	Hiram Parker.	
	For visiting Lewis Finch and James Grimes	2 00
	livery	1 00
27	visiting Lester Mead, living with Charles Meaker	3 00
	livery	1 00
May 2	visiting Geo. A. Herick, living with Henry Atkins	3 00
	livery	1 00
4	visiting Chancery Stage, living with John Retsliff	3 00
	livery	2 50
	dinner and horse feed	25
5	visiting William Baskell, living with Charles H. Ross	3 00
	livery	2 50
8	visiting Tousey Traverse, living with August Kensell	3 00
	livery	1 50
23	visiting Edward Mitchell, living with Jacob Schreer	3 00
	railroad fare to Brutus	70
	dinner at Brutus	25
28	visiting Charles L. Britton, living with Cyrus Hard	3 00
	dinner, 25c; railway fare to Alanson and return, 55c	80
27	visiting Saddle Brookway, with Coleman	3 00
	livery, \$2.50; dinner, 25c	2 75
29	visiting Lambert Treecloff, living with James Rarick	3 00
	livery, \$2.50; dinner, 25c	2 75
31	visiting Beale Freeman, living with Elenore Warden	3 00
	livery	1 50
June 27	Alanson Partridge.	
	For conveying John W. Curry from Birmingham to State Industrial School:	
	railroad fare from Birmingham to Lansing, boy	1 10
	self	4 00
	hack, both	50
	supper at Durand	50
	one day	3 00
	investigating in connection with complaints against juvenile offenders,	
	under Sec. 2, Act 168, laws of 1885:	
May 27	case of Lee Dingman, truancy, before J. B. Mathews	3 00
	railroad fare to Pontiac and return	50
	dinner at Hodges House, Pontiac	50
18	investigating case of Geo. Brown, disorderly	1 50
	railroad fare to Pontiac and return	50
	services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent of the Industrial School:	
June 8	visiting Charles DeLong, a ward of State Industrial School	3 00
	railroad fare to Holly and return	1 70
	livery	1 00
	dinner at Holly	50
8	Charles N. Race.	
	For services and expenses relating to the indenture, adoption or visiting of	
	children, by direction of the superintendent of the State Public School:	
	visiting Ebon Cactis, living with A. Beard, livery	1 35
	dinner and supper	1 20
1	livery in Benjamin case	54
	dinner	50
8	livery in Higley case	72
	dinner and supper	1 00
5	livery in McCornwell case	86
	dinner	50
6	investigating home of Mrs. Alice Havens, livery	1 50
	dinner and supper	80
19	livery in Webb case	72
	dinner	50
	investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 168, laws of 1885:	
9	case of James Vinans, livery	72
	dinner and supper	1 00
18	Charles E. Robinson.	
	For investigations and expenses in connection with complaints against juvenile	
	offenders, under Sec. 2, Act 168, laws of 1885:	
	case of Grace Wheeler, before justice of the peace A. L. Moultron	3 00
	dinner at Decatur	25
	livery, 37 miles	1 50
	horse feed	50
19	1 day's board at my home	75
	Amount carried forward	\$36,651 20

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
June 6	Amount brought forward	\$36,736 43
	Edward Taylor,	
	For expenses incurred in conveying Ernest Brown from Jackson county to State Public School:	
	back to depot in Jackson	50
	railroad fare from Jackson to Jonesville	75
	back in Jonesville	50
	lunch on train	25
	one railroad fare from Jonesville to Coldwater	55
	one-half railroad fare from Jonesville to Coldwater	65
	dinner for self and boy at Coldwater	75
	back at Coldwater	75
	railroad fare return to Jonesville	55
	back at Jonesville	25
	supper	50
	railroad fare to Jackson	75
	back at Jackson	50
8	conveying Nellie Phillips from Jackson to Industrial Home:	
	back to depot, Jackson	50
	railroad fare, Jackson to Adrian	2 70
	breakfast for girl in Adrian	25
	back to Industrial Home, Adrian	1 00
	dinner and supper	1 00
	railroad fare return to Jackson	1 25
	back in Jackson	50
	one day's service	3 00
Mar. 29	W. H. Wleand,	
	For expenses incurred in returning children from State Public School to counties from which they were received:	
	Fred Long and Ralph Edwards to Wayne Co., Geo. Wood to Kent Co., Roland Van Buren to Eaton Co. and Joseph Holms to Monroe Co.:	
	railroad fare attendant to Detroit and return	7 80
	hotel and back at Detroit	3 00
	railroad fare Fred Long to Wayne	1 50
	back for children at Jackson	50
	" " " Wayne	1 00
	message at Jackson	25
May 1	railroad fare Geo. Wood to Grand Rapids	1 05
	" " Roland Van Buren to Eaton Rapids	1 80
	" " attendant to Eaton Rapids and return	3 60
	back, 50c; hotel, attendant, \$1.50	2 00
12	railroad fare, attendant, Monroe and return	5 80
	" " Joseph Holms, Monroe	2 65
	hotel, \$1.00; breakfast, 40c	1 40
June 16	W. H. Wiggins,	
	For expenses incurred in conveying Claud Davis from Lenawee Co. to State Public School:	
	railroad fare	2 70
	back fare	1 00
	dinner	50
	Chas. W. Whitehead,	
	For services and expenses relating to the indenture, adoption or visiting of children by direction of the Supt. of the Ind. School:	
5	visiting home of Ernest Skada	1 00
	livery, \$2.50; dinner, 25c; horse feed, 25c	3 10
10	visiting home of Herbert Sweeney to Benton Harbor and return	85
	livery 12 miles	1 50
	dinner at Weaver House	40
13	visiting Freddie Smith, railroad fare to Benton Harbor and return	1 50
	dinner	25
	Investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1895:	
8	case of Jennie Jackson before John Dick, J. P.	3 60
	railroad fare Benton Harbor to Buchanan	95
	telephone, 15c; transfer, 25c; dinner, 25c	65
	Buchanan to Galien, 25c; transfer, 25c	50
	railroad fare, Benton Harbor from Galien	75
14	case of John Shoemaker, larceny, before Z. Cooper, J. P.	3 00
	railroad fare to Niles and return	1 40
	dinner and supper at Niles	70
	Malcom H. Wing,	
22	For conveying Benjamin G. Ehle from Allegan Co. to State Industrial Home:	
	two days	6 00
	back, Allegan, 25c; railroad fare, both, Allegan to Lansing, \$5.80	6 05
	Amount carried forward	\$36,840 82

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 28, 1898.</i>	
	Amount brought forward	\$36,840 32
June 22	Malcom H. Wing For dinner, both, Grand Rapids, 60c; transfer, 50c; supper, Lansing, self, 50c	1 80
	street car, 10c; railroad fare, self, Lansing to Allegan, \$1.90	3 00
	street car, 5c; lodging Grand Rapids, 50c; breakfast, 50c; street car, 05c	1 10
	hack, Allegan	15
	investigations and expenses in connection with complaints against juvenile offenders under Sec. 2, Act 168, laws of 1885:	
14	case of Geo. C. Chrisman, larceny, before Jno. B. Stock	3 00
17	case of Ben. G. Ehle, forgery	3 00
	railroad fare to Dorr and return, \$1.00; dinner, 25c	1 25
	hack, Allegan	25
19	case of Wm. Bowser, larceny, before Jno. B. Stock	3 00
Jan. 31	Henry A. Whitney For investigations and expenses in connection with complaints against juvenile offenders, under Sec. 2, Act 168, laws of 1885:	
	case of Fred Crafts before A. H. Briggs	3 00
Feb. 1	" " Edward Streeter Frank Statter and Art Jackson	3 00
15	" " Harry Wingate, disorderly	3 00
	26 miles travel at	1 58
Mar. 20	case of Bennie Chapman, disorderly	3 00
Apr. 24	" " Claud North	3 00
	railroad fare to Homer, 80c; dinner, 50c; fare to Allen, 25c; home, 75c	2 80
26	case of Albert King, burglary	3 00
May 3	" " Eddie Wibbur, assault	3 00
	railroad fare to Marshall, 40c; dinner, 25c; home, 40c	1 05
24	case of Fred Andrews, larceny	3 00
	expense, fare to Homer, 80c; dinner, 50c	1 30
26	case of Fred Batty and 3 others, larceny, justice court	3 00
June 2	Boy Fuller, larceny, justice court	3 00
10	postage and stationery	50
12	case of Ray Fuller in circuit court	3 00
	fare to Marshall, 40c; dinner, 40c; fare, home, 40c	1 20
7	case of Claud Seely and Art Arson, stealing, justice court	3 00
8	" " Clifford Brenner, assault, justice court	3 00
	fare to Homer, 80c; telephone, 30c; car fare, 20c	1 80
	dinner, 50c; fare to Battle Creek, 80c	1 80
9	case of Elmer Brady, larceny, justice court	3 00
21	expenses incurred in conveying Harold Tucker and Wilson W. Tucker from Calhoun county to State Public School:	
	railroad fare to Sturgis, both	1 80
	dinner at Sturgis	50
	railroad fare to Coldwater	70
	team to school	1 00
22	supper and lodging	1 00
	railroad fare to Albion, \$1.20; breakfast, 50c	1 70
	" " Battle Creek	75
Mar. 21	conveying Bennie Chapman from Battle Creek to State Industrial School:	
	hack to train	25
	fare, self and boy to Lansing	1 85
	hack to school and return	1 00
	dinner	50
	fare to Battle Creek	80
	1 day	3 00
Feb. 16	conveying Harry F. Wingate from Battle Creek to State Industrial School, Lansing:	
	hack to get boy to train	50
	fare to Lansing, both	1 85
	hack, Lansing	50
	supper, Lansing	50
	fare to Battle Creek	80
	1 day	3 00
May 24	conveying Fred Andrews from Homer to State Industrial School, Lansing:	
	boy to train	25
	fare to Albion, both	50
	" " Marshall, both	70
	" " Battle Creek, both	80
	lodging and breakfast, boy	50
25	fare to Lansing, self and boy	1 80
	street car fare	25
	dinner	50
	fare to Battle Creek	90
	1½ days' services	4 50
	Amount carried forward	\$36,941 48

State of Michigan vs. The State of Michigan.

GENERAL ALLOWANCE.

Date.	Items.	Amount.
	<i>Allowed June 26, 1893.</i>	
May 25	Amount brought forward	\$36,941 43
	W. H. McKale, In the matter of the People of the State of Michigan vs. Peter Rivers, John Speidel, Wm. A. Jackson and Marcus M. Shaffer, charged before P. H. Dolan, justice of the peace of Ingham county, with conspiracy to attempt to escape from the Industrial School at Lansing: For 4 warrants @ 50c, \$2.00; traveling 8 miles @ 10c, 80c; taking 4 prisoners into custody on mittimus @ 15c, 60c.....	3 40
	conveying prisoners to court, 8 miles @ 10c, 80c; traveling 8 miles to serve subpoenas @ 8c, 64c.....	1 44
	serving subpoenas on 8 witnesses @ 15c each, \$1.20; attending justice court 2 days @ \$1.00, \$2.00.....	3 20
	mileage for conveying 4 prisoners 14 miles.....	5 80
	prisoners \$1.40; one day's time for self and deputy, \$6.00.....	7 40
	In the matter of the People of the State of Michigan vs. Peter Rivers, John Speidel, Wm. Jackson and Marcus M. Shaffer, charged before P. H. Dolan, justice of the peace, with the offense of larceny: For serving 4 warrants, \$2.00; 8 miles travel, 80c; do. on return, 80c.....	3 60
	subpoenaing 4 witnesses @ 15c, 60c; 8 miles travel @ 8c, 64c.....	1 24
	serving mittimus on four @ 15c, 60c; attending trial ¼ day, 50c.....	1 10
	P. H. Dolan, justice of the peace. In the matter of the People of the State of Michigan vs. Peter Rivers, John Speidel, Wm. A. Jackson and Marcus M. Shaffer, charged before me with con- spiracy to escape from the Industrial School at Lansing: For one day's consultation with prosecuting attorney and Attorney General Ellis in same case.....	2 00
	complaint on oath, 25c; warrant, 25c; entering cases on docket, 25c.....	75
	subpoenas, 4 @ 10c, 40c; trial 2 days @ \$3.00, \$6.00; adjournment, 1 @ 15c.....	6 35
	return to circuit court, \$1.00; report to prosecuting attorney, 25c.....	1 25
	commitment on mittimus.....	25
	In the matter of the People of the State of Michigan vs. Peter Rivers, John Speidel, Wm. A. Jackson and Marcus M. Shaffer, charged before me with larceny: For one day in consultation with Superintendent Wood, O. M. Barnes and pro- secuting attorney Gardner in said case.....	3 00
	complaint on oath, 25c; warrant, 75c; entering cases on docket, 25c.....	75
	4 subpoenas @ 10c, 40c; mittimus, 25c; trial, ¼ day, \$1.50.....	2 15
	1 adjournment, 15c; report to prosecuting attorney, 25c.....	40
	4 notices of pending of cases to James H. Wellings, county agent.....	1 00
	Americanus Water Co., For Americanus Water furnished Senate from Jan. 10, 1893, to May 20, inclusive: 6 doz pints @ 75c per doz.....	\$4 45
	by some water not obtained.....	2 24
	Total for general allowance.....	\$36,989 80
	PRINTING.	
	<i>Allowed August 31, 1892.</i>	
Aug. 16	Robert Smith & Co., For 500 roll calls, sam. 11.....	\$1 23
	paper for same.....	1 00
	100 message to Senate, sam. 14.....	1 00
	paper for same.....	50
	300 roll calls, sam. 8.....	30
	paper for same.....	50
	100 yeas and nays, sam. 8.....	30
18	folding, counting and trimming 500 each of Senate bills, file Nos. 1, 2, 3, 4, 5 and 6, sam. 15.....	1 30
22	composition on daily Legislative Journal at extra session of August 5, 6 and 8, from page 1 to 26 inclusive, 150,280 ems @ 30c.....	45 08
	presswork on 3,000 copies, 91 tokens @ 15c.....	13 05
	composition on Senate bills at extra session from August 5 to 8 inclusive, from Nos. 1 to 6, 64,152 ems @ 13c.....	8 34
	presswork, 36 tokens @ 15c.....	5 40
	composition on 500 copies of "Land Grant of Michigan" from page 1 to 64, 121,023 ems @ 27c.....	32 67
	presswork, 24 tokens @ 15c.....	3 60
	composition on 700 copies of "Supreme Court Opinions" from page 1 to 18 34,578 ems @ 27c.....	9 23
	presswork, 9 tokens @ 15c.....	1 25
	Amount carried forward	\$125 95

Date.	Items.	Amount.
	<i>Allowed September 28, 1892.</i>	
Sept. 20	Amount brought forward	\$125 96
	Robert Smith & Co.,	
	For composition on 9,000 copies of Public Acts, extra session of 1892, from page 1 to end, 88,210 ems at 24c	21 17
	presswork, 152 tokens @ 15c	22 80
	<i>Allowed October 26, 1892.</i>	
19	Robert Smith & Co.,	
	For alterations on copy for legislature, United States law, galleys 1 to 8, 4 hrs., 30c	1 20
	land grant laws, page proof signatures 7 and 8, 1½ hrs. @ 30c	45
Oct. 18	index to House Journal, 3¼ hours @ 30c	1 05
	composition on 8,000 copies of election laws, from page 1 to 16, 39,072 ems @ 24c	9 27
	presswork, 25 tokens @ 15c	3 75
	composition on 500 copies of History of Railroad Lands, 151,759 ems @ 27c	40 97
	presswork, 30 tokens @ 15c	4 50
	composition on 1,800 copies of Official House Journal, extra session, from page 1 to end, 45,541 ems @ 3c	3 64
	31,584 ems at 27c	8 53
	presswork, 28 tokens @ 15c	4 20
	composition on 1,800 copies of Official Senate Journal, extra session, from page 1 to end, 104,900 ems. at 3c	8 39
	15,792 ems @ 27c	4 26
	presswork, 49 tokens @ 15c	7 35
19	printing title and context to Joint Documents, 1891, as follows:	
	Vol. 1, 5768 ems at 27c	1 55
	" 2, 5768 " " 27c	1 55
	" 3, 5768 " " 27c	1 55
	" 4, 5768 " " 27c	1 55
	" 5, 5768 " " 27c	1 55
	presswork, 7 tokens each, or 35 tokens @ 15c	5 25
	<i>Allowed December 28, 1892.</i>	
Dec. 12	Robert Smith & Co.,	
	For 1,600 labels for covers for Official Journal of House and Senate, sam. 8	1 80
	<i>Allowed January 25, 1893.</i>	
Jan. 17	Robert Smith & Co.,	
	For composition on State Geological Survey from page 65 to 195, 313,642 ems @ 27c	84 68
	presswork, 85 tokens @ 15c	12 75
	alteration on copy: galleys 34 to 41, 6 hrs.; 42 to 51, 5½ hrs.; 52 to 57, 4 hrs.; page proof signatures, 17 and 18, 2 hrs.; 19 and 20, 4 hrs.—21½ hrs. @ 30c	6 45
	composition on 3,000 copies of report of Jackson Prison from page 17 to 49, 434,340 ems @ 27c	117 27
	presswork, 78 tokens @ 15c	11 70
	extra labor on leaflet	10 00
	alteration on copy, galleys 1 to 15, 1¼ hours @ 30c	45
	composition on 3,000 copies report of Marquette Prison from page 1 to 26, 176,880 ems @ 27c	47 75
	presswork, 52 tokens @ 15c	7 80
	composition on 3,600 copies of report of Industrial Home for Girls from page 1 to 30, 145,818 ems @ 27c	39 27
	presswork, 60 tokens @ 15c	9 00
	alteration on copy for various and sundry galleys, 15¼ hours @ 30c	4 65
	matter set up subsequently, appendix for State Game and Fish Warden report, 1,500 ems @ 27c	41
9	600 covers, report of Land Office, sam. 21	1 45
16	800 " Jackson prison report " 21	1 75
	800 " Adjutant General's office report, sam. 21	1 75
	100 comp. slips, Jackson prison, sam. 8	30
	paper for same	25
	800 covers, Quartermaster General's report, sam. 21	1 75
	2,700 illustrations of buildings for report of Central Board of Control @ \$3.50 per M	17 55
	1,200 illustrations of buildings for Industrial Home for Girls @ \$3.50 per M	7 80
7	composition on 4,000 Daily Legislative Journal's, from page 1 to 80, 457,804 ems @ 30c	137 19
	presswork, 337 tokens @ 15c	50 55
	composition on 2,130 copies of Gov. Rich's inaugural message from page 1 to 7, 13,447 ems @ 27c	3 63
	presswork, 9 tokens @ 15c	1 35
	Amount carried forward	\$359 98

State of Michigan vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1888.</i>	
	Amount brought forward	\$639 08
Jan. 7	Robert Smith & Co.,	
	For composition on 2,125 copies of Gov. Winans' retiring message, from page 1	
	to 12, 23,062 ems @ 27c	6 22
	presswork, 18 tokens @ 15c	2 70
	flat cap paper furnished for 25 of above	1 00
16	500 roll calls, sam. 17	7 38
	paper for same	2 50
	1,000 assignment of committees, sam. 18	1 50
	paper for same	75
	1,000 messages to Senate, sam. 16	2 08
	paper for same	2 08
	1,000 messages to Senate, return of bill, sam. 16	2 08
	paper for same	2 00
	400 roll calls, name of Tripp added, sam. 17	6 18
	paper for same	2 00
	500 general order, etc., 9 forms, sam. 8	6 30
	paper for same	1 00
	8 forms, 500 each, Journal blanks, sam. 13	3 30
	paper for same	1 50
	5 forms, 2,000 each, Journal blanks, sam. 13	2 50
	paper for same	2 00
	5 forms, 500 each, Journal blanks, sam. 8	3 50
	paper for same	65
	3 forms, 500 each, Journal blanks, sam. 8	3 10
	paper for same	50
	6 forms, 500 each, Journal blanks, sam. 8	4 20
	paper for same	75
	5 forms, 500 each, Journal blanks, sam. 8	3 50
	paper for same	65
	4 forms, 500 each, Journal blanks, sam. 8	2 50
	paper for same	50
	7 forms, 500 each, Journal blanks, sam. 8	4 90
	paper for same	75
	6 forms, 500 each, Journal blanks, sam. 8	4 20
	paper for same	65
	9 forms, 500 each, Journal blanks, sam. 8	6 30
	paper for same	1 00
	7 forms, 500 each, Journal blanks, sam. 8	4 90
	paper for same	75
	6 forms, 500 each, Journal blanks, sam. 8	4 20
	paper for same	65
	1,000 names and No. of seats, sam. 25	2 08
	66 sheets of cardboard for same @ 5c	3 30
	1,000 Journal blanks, Mr. demands, sam. 8	1 20
	paper for same	50
	500 cards, order of business, sam. 8	70
	cardboard for same	1 00
	500 unanimous, etc., sam. 16	1 43
	paper for same	1 00
	500 messages from House, sam. 16	1 43
	paper for same	1 00
16	ruling blanks for Senate ledger, sam. 37	1 10
	1,000 blanks message to House, " 16	2 08
	paper for same	2 00
	1,000 blank returns, sam. 16	2 08
	paper for same	2 00
	500 journal blank petitions, sam. 13	1 00
	paper for same	60
	500 journal blanks report accepted, sam. 13	1 00
	paper for same	60
	500 journal blanks Senate met, sam. 13	1 00
	paper for same	60
	13 forms, 500 each, journal blanks, @ 70c, sam. 8	9 10
	paper for same	1 40
	13 forms, 500 each, journal blanks, @ 70c, sam. 8	9 10
	paper for same	1 40
	7 forms, 500 each, journal blanks, @ 70c, sam. 8	4 90
	paper for same	50
	6 forms, 500 each, journal blanks, @ 70c, sam. 8	4 20
	paper for same	80
	11 forms, 500 each, journal blanks, @ 70c, sam. 8	7 70
	paper for same	1 40
	500 blanks, introduction of bill, sam. 13	1 00
	Amount carried forward	\$1,062 05

State of Michigan vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
Jan. 16	Amount brought forward	\$1,082 06
	Robert Smith & Co.,	
	For paper for same	50
	500 blanks, notice given, sam. 13	1 00
	paper for same	50
	500 blanks, introduction of bill, sam. 13	1 00
	paper for same	50
	1,250 blanks, amendments, sam. 8	1 50
	paper for same	50
	1,250 committees reports, sam. 14	2 80
	paper for same	2 00
	500 speaker announced, sam. 16	1 48
	paper for same	1 00
	1,000 speaker announced, etc., sam. 16	2 08
	paper for same	2 00
	2,500 committee reports without amendments sam. 13	3 00
	paper for same	2 00
	2,500 committee reports with amendments, sam. 13	3 00
	paper for same	2 50
	2,500 committee reports with amendments, sam. 13	3 00
	paper for same	2 50
	2,500 committee reports with amendments, sam. 13	3 00
	paper for same	2 50
	500 roll call, sam. 8	70
	paper for same	35
	1,000 No. blanks by Mr., sam. 13	1 50
	paper for same	1 25
	500 heading for bills, sam. 13	1 00
	paper for same	65
	2,500 Mr. offered resolution, sam. 8, \$2.70; paper, \$3.00	4 70
	500 journal blanks, afternoon sessions, sam. 8, 70c; paper for same, 50c	1 20
	500 envelopes, Lieutenant Governor, sam. 18	40
	3,000 " Senate, sam. 18	1 20
	6,000 " House, sam. 18	2 40
	1,000 " Speaker, sam. 19	50
	1,000 " Senate, sam. 19	50
	1,000 " President, sam. 19	50
	3,000 " House, sam. 19	1 50
	960 letter heads, sam. 50	90
	1,920 " " 1/2 size, sam. 49	1 80
	1,000 envelopes, Speaker, sam. 18	40
	440 letter heads, sam. 50	90
	560 memo. heads, Speaker, sam. 50	90
	50 cards, sam. 11	75
14	cardboard for same	25
	200 witness pay, Senate, sam. 58	2 75
	200 incidental expenses, sam. 58	2 75
	200 witness pay, House, sam. 58	2 75
	200 incidental expenses, sam. 58	2 75
	1,000 pay of Senators, sam. 27	8 10
	3,000 " " Representatives, sam. 27	6 10
	paper for above	6 00
	2 sets cards slide labels postoffice boxes, sam. 81	12 00
	cardboard for same	75
	<i>Allowed February 23, 1898.</i>	
Feb. 14	Robert Smith & Co.,	
	For composition on 2,150 copies of Gov. Winans' pardon message from page 1 to 19, \$1,528 ems @ 27c	9 38
	presswork, 27 tokens @ 15c	4 05
	alteration on copy of report of Ionia House of Correction, galleys 1 to 3, 1 hour	30
	composition on 6,500 copies of report of W. Board of Health from page 289 to 331, 231,616 ems @ 30c	69 48
	presswork, 168 tokens @ 15c	25 20
	composition on daily Legislative Journal from No. 81 to 231, 1,195,724 ems @ 30c	358 72
	presswork on 400 copies from Jan. 16 to Feb. 4 and 3,500 copies from Feb. 6 to 10, 865 tokens @ 15c	129 75
	alteration on copy of report of Marquette Prison, galleys 1 to 7, 3 hours @ 30c	90
	composition 6,500 copies of Legislative Manual from page 9 to 184, 539,377 ems @ 27c	150 12
	presswork, 616 tokens @ 15c	92 40
	Amount carried forward	\$1,982 86

ANNUAL REPORT OF THE

State of Michigan vs. The State of Michigan.

PRINTING.

[illegible]

State of Michigan vs. The State of Michigan.

PRINTING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1893.</i>	
Mar. 28	Amount brought forward.....	\$3,728 17
	The Calvert Lithographing & Engraving Co.,	
	For 500 letter heads, 8¼x11; 500 letter heads, 8¼x5½: on Scotch linen not ruled,	
	blocked.....	6 50
Feb. 24	des. and engraving for all.....	25 00
	1,000 letter heads, 8¼x11; 1,500 letter heads, 8¼x5½: ruled and blocked.....	13 12
	2,500 envelopes.....	10 63
	Speaker Tatum:	
	500 letter heads, 8¼x11; 1,500 letter heads, 8¼x5½: ruled and blocked.....	9 38
	2,500 envelopes.....	10 63
	Dennis E. Alward, secretary of the Senate;	
	1,000 letter heads, 8¼x11; 1,500 letter heads, 8¼x5½: not ruled, blocked.....	12 77
	2,500 envelopes.....	10 63
	Lieutenant Governor:	
	1,000 letter heads, 8¼x11; 1,500 letter heads, 8¼x5½: not ruled, blocked.....	12 77
	2,500 envelopes.....	10 63
	Lewis M. Miller, clerk:	
	1,000 letter heads, 8¼x5½; 500 letter heads, 8¼x11: not ruled, blocked.....	7 30
	Lewis Miller, with Samuel Y., journal clerk:	
	500 letter heads, 8¼x11.....	3 75
	letter heads all on Scotch linen.	
Mar. 3	Callaghan & Co.,	
	For alterations in Michigan reports, volume 91, 16 hours @ 40c.....	6 40
22	Robert Smith & Co.,	
	For composition on official House Journal, from page 1 to 763, 1,130,230 ems @ 8c.....	114 42
	presswork, 644 tokens @ 15c.....	96 60
	composition on daily Legislative Journal, from page 283 to 614, 2,242,096 ems @ 30c.....	672 63
	presswork, 1,410 tokens at 15c.....	211 50
Feb. 27	1,000 roll calls, sam. 17.....	2 58
Mar. 3	300 circulars, Soldiers' Home act amended, sam. 18.....	80
	500 large envelopes, sam. 19.....	25
15	printing 500 copies each of bills from file No. 65 to 187, inclusive, 772 pages, 2,751,408 ems @ 13c.....	357 63
	presswork, 1,308 tokens @ 17c.....	222 36
	printing 500 copies of bill, file No. 128, 4 pages, 14,256 ems @ 13c.....	1 83
	composition on table, 2,200 ems @ 27c.....	59
	presswork on bill, 6 tokens @ 17c.....	1 02
	printing 500 copies of bill, file No. 129, 5 pages, 178,300 ems @ 13c.....	2 31
	presswork, 9 tokens @ 17c.....	1 53
	printing 500 copies each of bills, file No. 140, 141, 142, 146, 152, 156, 158, 161 and 164, 16 pages, 50,512 ems @ 13c.....	6 58
	presswork, 43 tokens @ 17c.....	7 14
	printing 500 copies of bills, each, from file No. 143 to 161, inclusive (except Nos. 144, 146, 152, 153, 156, 158 and 161), 63 pages, 224,332 ems at 13c.....	29 19
	presswork, 117 tokens @ 17c.....	19 86
	printing 500 copies each of bill file Nos. 163, 165, 166, 167 and 168, 11 pages, 39,204 ems @ 13c.....	5 10
	presswork, 30 tokens @ 17c.....	5 10
	printing 500 copies each of file No. 169, 22 pages, 78,408 ems @ 13c.....	10 19
	presswork, 38 tokens @ 17c.....	6 12
	composition on insert, 14,872 ems @ 27c.....	4 01
	presswork on insert, 3 tokens @ 17c.....	51
	printing 500 copies each of bills, file 144, 153, 170 and 179, 66 pages, 225,224 ems, @ 13c.....	30 58
	presswork, 117 tokens @ 17c.....	19 86
	500 letter heads, sam. 50.....	90
	300 headings for bills, sam. 8.....	50
	500 list of members, sam. 17.....	1 98
	2,000 envelopes, No. 9, sam. 19.....	1 00
	2,000 " " 10, sam. 19.....	1 00
	4,000 " " 10, sam. 18.....	1 80
	500 admission cards, Speaker.....	2 00
	2,000 " " House.....	4 50
	25 silk badges (Leavitt).....	5 00
	printing 500 bills each of joint resolutions Nos. 3, 4, 5, 6 and 7, 9 pages, 32,076 ems @ 13c.....	4 17
	presswork, 27 tokens. @ 17c.....	4 56
18	time lost in waiting for copy after 10:30 o'clock p. m., Feb. 22, 17 hands, 2½ hours each @ 80c.....	12 75
20	printing 500 copies each of bills from file Nos. 180 to 210 inclusive, 153 pages, 54,172 ems @ 13c.....	70 43
	presswork, 219 tokens @ 17c.....	49 47
	Amount carried forward.....	\$5,888 95

PRINTING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 21	Amount brought forward	\$5,558 95
	Robert Smith & Co.,	
	For printing 400 calendars as follows, viz.:	
	composition, 2,185,779 ems, sam. 5	546 44
	presswork on books, 36 forms, @ \$1.00	36 00
	presswork on covers, 4 forms, @ \$1.00	4 00
	cardboard for covers	3 00
Feb. 21	500 blanks, committee reports, sam. 14	1 60
	500 " " sam. 14	1 60
	500 " " " 14	1 60
	500 " " " 14	1 60
	500 " " " 14	1 60
	500 " " " 14	1 60
	500 Senate bills, No. 8	70
	500 House " " 8	70
	100 presentation of petitions, sam. 8	30
	100 messages from Governor, sam. 8	30
	100 " " House, " 8	30
	100 standing committee reports, sam. 8	30
	100 notices, " 8	30
	100 introduction of bills, " 8	30
	100 third reading do., " 8	30
	22 hands waiting 2 1/2 hours each for copy on the night of January 20, @ 30c	18 50
Mar. 8	1,000 roll calls, with Wilkins' name, sam. 8	1 20
	200 circulars, Soldiers' Home not amended, sam. 13	80
	200 Journal blanks, no amendments,	40
	200 " " committee have also, etc.,	40
	200 " " read 1st and 2d time,	40
	200 " " report back,	40
	2,500 amendment blanks,	2 70
	500 large envelopes,	25
15	printing 500 copies each of bills from file No. 50 to 96 inclusive, 401 pages, 1,429,184 ems, @ 13c	185 79
	presswork, 705 tokens @ 17c	119 85
	printing 500 copies each of bills, file Nos. 111, 112, 113, 114 and 124, 17 pages, 58,669 ems @ 13c	6 97
	presswork, 36 tokens @ 17c	6 13
	printing 500 copies of file No. 97, composition on 22 pages, 78,408 ems, @ 13c	10 20
	composition on insert, 14,236 ems @ 27c	3 85
	presswork on bill, 30 tokens, @ 17c	6 12
	presswork on insert, 3 tokens @ 17c	51
	printing 500 copies each of bills from file No. 98 to 127, except Nos. 111, 112, 113, 114 and 124, 139 pages, 678,596 ems @ 13c	87 56
	presswork, 336 tokens @ 17c	57 12
	1,000 envelopes, No. 9, sam. 19	50
	1,000 " " 10, " 19	50
	2,000 " " " 18	80
	200 report accepted	40
17	printing 500 bills each of joint resolutions Nos. 7, 8 and 9, 6 pages, 21,884 ems @ 13c	2 78
	presswork, 18 tokens @ 17c	3 06
	printing 500 copies each of bills from file No. 128 to 152 inclusive, 68 pages, 242,353 ems @ 13c	31 50
	presswork, 153 tokens @ 17c	26 01
	printing 400 calendars as follows, viz.:	
	composition, 1,059,066 ems, sam. 5	264 77
	presswork on book, 22 forms @ \$1.00	22 00
	" " covers, 4 " 1.00	4 00
	cardboard for covers	3 00
8	500 memorial programs, Blaine	3 00
15	800 covers for report Michigan Soldiers' Home, sam. 21	1 75
	800 State Industrial Home for Girls, sam. 21	1 75
	1,200 illustrations for Soldiers' Home @ 45c	5 40
	1,500 covers for Report of State Board of Inspectors, sam. 21	2 80
	700 " " " Dangerous and Criminal Insane, sam. 21	1 60
22	composition on official Senate Journal from page 1 to 432, 891,705 ems @ 8c	71 84
	presswork, 385 tokens @ 15c	57 75
	composition on 3,000 copies of Report of Ionia House of Correction from page 9 to 56, 431,280 ems @ 27c	116 43
	presswork, 91 tokens @ 15c	13 65
	composition on Report of Inspector of Illuminating Oil from page 1 to 10, 60,324 ems @ 27c	16 29
	presswork, 28 tokens @ 15c	8 90
	Amount carried forward	\$7,623 61

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PRINTING.

Date.	Items.	Amount.
<i>Allowed April 26, 1893.</i>		
	Amount brought forward	\$7,622 61
Apr. 10	Robert Smith & Co., For 800 covers for 6th biennial report of State House of Correction, Ionia, sam. 21.....	1 75
	800 covers for report of Marquette Prison, sam. 21.....	1 75
	800 " " State House of Correction, sam. 21.....	1 75
18	composition on 3,500 copies of Daily Legislative Journal, from page 645 to 832, 1,179,422 ems, @ 30c.....	353 83
	presswork, 706 tokens, @ 15c.....	105 75
	composition 7,000 copies of Manual from page 185 to 5.0, 215,884 ems, @ 27c.....	581 00
	presswork, 1,250 tokens, @ 15c.....	189 00
10	time lost waiting for copy on the night of March 14, from 9 to 10:15 p. m., 23 hands, 1 1/4 hours each, @ 30c.....	8 62
	1,000 blanks, enrollments, etc., sam. 14.....	2 35
	500 admission cards.....	1 50
17	printing 500 copies each of bills from No. 211 to 281 inclusive, 652 pages, 2,323,728 ems, @ 13c.....	302 08
	presswork, 1,116 tokens, @ 17c.....	189 72
	composition on 3,300 copies of report, from page 1 to 228, 755,025 ems, @ 27c.....	202 56
	presswork, 464 tokens, @ 15c.....	69 60
	1,700 plates for report, 5 forms, making 8,500 plates, double size, @ 30 per M.....	76 50
18	900 covers for report of State Game and Fish warden, sam. 21.....	1 90
	900 " " annual report, sam. 21.....	1 90
10	time lost in waiting for copy on night of March 6, from 10 to 10:15 p. m. 28 hands, 3/4 hour each @ 30c.....	5 13
	200 circulars, exemptions, etc., sam. 18.....	70
	500 blank reports for bills sam. 8.....	70
	paper for same.....	50
	500 blank reports for bills from committee clerks, sam. 8.....	70
	paper for same.....	50
	time lost in waiting for copy on the night of March 20, from 10 to 11 p. m., 27 hands 1 hour each @ 30c.....	8 10
	200 blank slips, introducing, etc., sam. 8.....	40
	200 circulars to committee clerks, sam. 18.....	70
	200 journal blanks, Mr. moved, etc., sam. 8.....	40
18	1,000 blanks, roll calls sam. 8.....	1 20
	200 notice introduced bills, sam. 18.....	55
17	printing 500 copies each of bills from No 153 to 209 inclusive, 210 pages, 748,410 ems @ 13c.....	97 30
	press work, 417 tokens @ 17c.....	70 89
	printing joint resolution No. 10, 3 pages, 10,692 ems @ 13c.....	1 39
	press work, 6 tokens @ 17c.....	1 02
18	3,500 envelopes for house, sam. 18.....	1 60
<i>Allowed May 31, 1893.</i>		
29	Callaghan & Co., For corrections on Mich reports, vol. 92-16 1/4 hours @ 40c.....	6 60
26	Robert Smith & Co., For 1,700 covers commissioners' report, sam. 21.....	3 10
29	800 covers report of State House of Correction and Reformatory, sam. 21.....	1 75
	furnishing paper and printing 7,000 1/4 tone engravings for manuals of 1893 @ \$4.50 each per M.:.....	
	Governor Rich.....	31 50
	Lieutenant Governor Giddings.....	31 50
	Secretary of State.....	31 50
	State Treasurer.....	31 50
	Commissioner of Land Office.....	31 50
	Auditor General.....	31 50
	Attorney General.....	31 50
	Superintendent of Public Instruction.....	31 50
	Speaker of House.....	31 50
	Capitol.....	31 50
	Soldiers' Home.....	31 50
	Industrial Home for Girls.....	31 50
	State Normal School.....	31 50
	" " Public.....	31 50
	School for the Blind.....	31 50
	Industrial School for Boys.....	31 50
	Michigan Mining School.....	31 50
May 16	State House of Correction and Reformatory.....	31 50
	Branch of State Prison, Marquette.....	31 50
	Michigan Asylum for Dangerous and Criminal Insane.....	31 50
	" " " Insane.....	31 50
	Amount carried forward	\$10,581 24

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PRINTING.

Date.	Items.	Amount.
	<i>Allowed May 31, 1898.</i>	
May 16	Amount brought forward	\$10,581 24
	Robert Smith & Co.,	
	For Northern Asylum for Insane	31 50
	Eastern	31 50
	Agricultural College	31 50
	State Prison	31 50
	School for Deaf	31 50
	Michigan's World's Fair Building	31 50
	University of Michigan	31 50
	Michigan Military Academy	31 50
23	composition on official Journal of the Senate from page 433 to 1,120, 1,409- 496 ems @ 8c	112 76
	presswork, 602 tokens @ 15c	90 30
	composition on official Journal of the House from page 737 to 1,630, 2,017, 204 ems @ 8c	161 37
	presswork, 826 tokens @ 15c	123 90
	composition on 5,500 copies of Report of State Board of Health from page 1 to 160, 1,091,482 ems at 27c	294 70
	presswork, 414 tokens @ 15c	62 10
	time lost in waiting for copy from both Senate and House on night of May 23, 27 hands, 3½ hours each @ 30c	20 25
	composition on Daily Legislative Journal from page 833 to 1,220, 2,440, 160 ems @ 30c	732 06
	presswork, 1,455 tokens @ 15c	218 25
	composition on amendment to tax law from page 1 to 3, 17,340 ems at 30c	5 20
	presswork, 1 token	15
	printing 500 copies each of House joint resolutions, Nos. 8, 9 and 10, 6 pages, 21,284 ems @ 13c	2 77
	presswork, 18 tokens @ 17c	3 06
	printing 500 copies each of bills from No. 233 to 317 inclusive, 175 pages, 623,700 ems @ 13c	81 06
	presswork, 342 tokens @ 17c	58 14
	printing 500 copies of bill No. 318, 5 pages, 17,820 ems @ 13c	2 31
	extra for table, 10,960 ems @ 27c	2 95
	presswork, 9 tokens @ 17c	1 53
	printing 500 copies each of bills from No. 319 to 361 inclusive, 146 pages, 530,344 ems @ 13c	67 64
	presswork, 306 tokens @ 17c	52 02
Apr. 26	1,000 amendment blanks, sam. 8	10 20
	20 briefs, Tateum vs. Barkworth, 54 pages, sam. 7	29 75
	130 extra copies of same @ 10c	13 00
	120 blanks for committee books, ways and means, sam. 69	2 60
	paper for same	75
	300 roll calls, sam. 17	4 98
	1,500 index blanks, bill history, approved, sam. 14	3 10
	1,000 " " " immediate effect, sam. 14	2 35
	60 cards, sleeping car, upper berth, sam. 8	30
	cardboard for same	10
	60 cards, sleeping car, lower berth, sam. 8	30
	card board for same	10
	5 placards, No. 1 to 5	1 00
	4,000 envelopes, sam. 18	1 60
May 16	150 covers, brief, Turnbull vs. Giddings, sam. 21	35
	500 programs, world's fair	5 00
	200 sleeping car checks	1 50
" 12	time lost waiting for copy night of May 11, 28 hands, 2 hours each @ 30c	16 80
	time lost waiting for copy May 8th from 9 to 11 o'clock, 18 hands, 2 hours each @ 30c	10 80
23	time lost waiting for copy night of May 16, 28 hands, 1½ hours each @ 30c	12 80
27	1,200 Blaine memorials, composition 95,006 ems @ 40c	38 02
	presswork, 5 forms @ \$2.40	12 00
	paper, 3½ reams @ \$10.00	37 50
	covers, engraving, printing and sewing @ 30c	6 00
	time work on alteration, 5 hours @ 30c	1 50
	1,200 Hayes & Baldwin memorial: composition, 201,510 ems @ 40c	80 60
	presswork, 9 forms @ \$2.40	21 60
	paper, 5½ reams @ \$10.00	55 00
	covers, printing and scoring	4 50
	time work on alteration, 10 hours @ 30c	3 00
	500 roll calls, Senate, sam. 8	70
	200 blank divisions, sam. 3	40
	time waiting for copy night of May 20, 24 hands, 1 hour each @ 30c	7 20
	Amount carried forward	\$13,311 88

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PRINTING.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
May 27	Amount brought forward..... Robert Smith & Co., For 100 comp. slips for each Senator and secretary of Senate, 33 forms, 100 each, sam. 8..... paper for same..... time lost waiting for copy night of May 25, 28 hands, 2½ hours each @ 30c..... composition on 7,000 copies of manuals from page 521 to 780, 1,290,432 ems @ 27c..... presswork, 960 tokens @ 15c..... composition on reprint of amended rules of manual, 53,047 ems @ 27c..... presswork, 90 tokens @ 15c..... composition on 500 copies of reprint for school edition from page 9 to 184, 590,381 ems @ 27c..... presswork, 66 tokens @ 15c..... composition on 4,400 copies of farm statistics from page 1 to 48, 505,344 ems @ 27c..... presswork, 114 tokens @ 15c..... composition on 500 copies of apple crop report from page 1 to 16, 110,851 ems @ 27c..... presswork, 42 tokens @ 15c..... composition on 4,500 copies of May crop report from page 1 to 13, 87,244 ems @ 27c..... presswork, 38 tokens @ 15c..... printing 500 copies each of bills from 210 to 232 inclusive, 184 pages, 665,776 ems @ 15c..... presswork, 280 tokens @ 17c..... printing 500 copies of bills, No. 223, 22 pages, 78,408 ems @ 13c..... extra for table, 16,280 ems. @ 27c..... presswork, 36 tokens @ 17c..... printing 500 copies each of bills from 234 to 251 inclusive, 188,892 ems @ 13c presswork, 128 tokens @ 17c..... time lost in waiting for copy February 22 from 10 to 10:45 p. m., 21 hands, ¾ hours each @ 30c..... 500 enrolling clerks message to Governor, sam. 13..... paper for same..... 500 commissioner report, sam. 14..... 200 Journal blanks, agreeing to title, sam. 8..... 200 " sundry amendments, sam. 8..... 1,000 index blanks, bill history approved, sam. 14..... 1,000 index blanks, bill history immediate effect, sam. 14..... 2,780 envelopes, sam. 18..... time lost waiting for copy, night of May 15, 19 hands, 2½ hours each, @ 30c..... " " " " " " " 17, 30 " 2 " " " @ 30c..... " " " " " " " 18, 30 " 3 " " " @ 30c..... " " " " " " " 19, 38 " 2 " " " @ 30c..... 900 covers reprint, report inspector of illuminating oils, sam. 21..... composition on reprint of 5,000 copies of 1892, reprint from page 1 to 18, 76,892 ems, @ 27c..... presswork, 39 tokens, @ 15c.....	\$13,111 88 9 90 75 21 00 348 41 144 00 14 32 13 50 150 38 9 60 135 44 17 10 29 98 6 30 28 58 5 70 86 55 55 16 10 19 4 39 6 12 24 55 21 42 4 78 1 00 50 1 60 40 40 2 35 2 35 1 10 14 25 18 00 27 00 19 80 1 90 21 25 5 38
	<i>Allowed June 28, 1893.</i>	
June 20	Robert Smith & Co., For composition on 14,000 copies of public acts of 1892, page 1 to 80, 192,397 ems, @ 24c..... presswork, 590 tokens, @ 15c..... composition on 500 copies of land grants of Michigan, page 65 to 112, 302,552 ems, @ 27c..... presswork, 18 tokens, @ 15c..... composition on 3,500 copies of Daily Legislative Journal, from page 1,221 to 1,287, 1,067,394 ems, @ 30c..... presswork, 680 tokens, @ 15c..... alteration on copy of public acts, as follows, viz.: galley 1 to 7, 3¼ hours, " 7 " 12, 2¼ " " " 13 " 23, 6 " " " 24 " 31, 4 " " " 32 " 38, 2¼ " " press proof, sigs. 1 and 2, 1¼ hours, 20 hours, @ 30c..... composition on index to rules and divisions, 23,600 ems, @ 27c..... paper for same..... composition on 3,000 copies of report of Michigan Dairymen's association, from page 1 to 16, 28,815 ems, @ 27c..... presswork, 26 tokens, @ 15c.....	 46 17 88 50 39 96 2 70 330 21 94 50 6 00 7 13 25 7 78 3 90 \$15,344 74
	Total for printing.....	

Date.	Items.	Amount.
	<i>Allowed July 27, 1892.</i>	
July 12	Robert Smith & Co.,	
14	For binding 758 joint documents, vol. 3, 1890, ¼ sheep, old contract, sam. 14	\$106 12
18	" 780 " " " " " " " " " " 14	106 40
	" 384 " " " " " " " " " " 14	46 76
	" 257 " " " " " " " " " " 14	35 98
Feb. 29	Darius D. Thorp,	
	For binding 3500 vols. joint documents, sam. 16	560 00
M'ch 30	" 1968 " " " " " " " " " " 16	314 88
Apr. 20	" 1000 " " " " " " " " " " 16	160 00
	<i>Allowed August 31, 1892.</i>	
Aug. 19	Robert Smith & Co.,	
	For binding without covers 700 opinions of the representative apportionment bill, sam. 12	1 61
	folding and stitching legislative journals from Aug. 6 to 8, 21,000 sheets, sam. 15	10 50
	extra folding, furnishing wrappers, putting on stamps and mailing 1800 daily journals, sam. 70	11 20
	binding without covers 800 public acts, special session 1892, sam. 13	69
	<i>Allowed September 28, 1892.</i>	
Sept. 12	Robert Smith & Co.,	
	For binding 1,200 public acts, special session, 1892, ¼ sheep, sam. 6	123 00
19	branding same, sam. 10	12 00
	binding 1,000 public acts, special session 1892, ¼ sheep, sam 6	115 00
	branding same	10 00
Apr. 20	Darius D. Thorp,	
	For folding, gathering, pressing and tying up 2,500 vols. joint documents @ 4c	100 00
	sewing in, sewing thread, twine, etc., for 1,000 vols. (1 and 2)	35 00
	1,728 leather titles, stamped in gold @ 3c	51 84
	<i>Allowed December 28, 1892.</i>	
Dec. 16	Robert Smith & Co.,	
7	For binding 700 joint documents, vol. 3, 1891, ¼ sheep @ 14c	98 00
20	" 700, same as above	98 00
	<i>Allowed January 25, 1893.</i>	
Jan. 2	Robert Smith & Co.,	
	For binding 3 cert. books	3 00
	perforating same	2 40
	numbering " "	2 40
	binding 2 incidental expense books	2 00
	perforating and numbering same	3 20
	furnishing paper for house and senate joint resolutions	9 00
	binding 1 house bill, No. 1 to 200, 3 quires, sample 39	54
	" 1 " " " 201 " 400, 3 " " 39	54
	" 1 " " " 401 " 600, 3 " " 39	54
	" 1 " " " 601 " 800, 3 " " 39	54
	" 1 " " " 801 " 1000, 3 " " 39	54
	" 1 senate " 1 " 200, 3 " " 39	54
	" 1 " " " 201 " 400, 3 " " 39	54
	" 1 " " " 401 " 600, 3 " " 39	54
	" 1 joint resolutions, 3 quires, sample 39	54
	making and lettering labels and putting them on sides of same @ 40c	3 60
	paging above books, sam. 51	1 08
	furnishing and cutting 125 heavy boards for filing bills @ 5c	6 25
	" " " " same for filing journal	6 25
	300 file boards for bills	15 00
	binding 2 check books	25
	making 20 check books, sam. 12	2 40
	binding municipal books, 5 quires	90
	" 1 house drainage, 5 quires	90
	" 1 public health, 5 quires	90
	The above are ¼ Russia, sam. 39; paging same	73
	cutting index in same	1 20
	making labels, lettering and putting same on 3 books @ 40c	1 20
	binding 1 certificate book	1 00
	perforating same	80
	numbering same	80
	binding 2 incidental expense books	2 00
	Amount carried forward	\$2,182 09

State of Michigan vs. The State of Michigan.

BINDING.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$2,182 09
Jan. 2	Robert Smith & Co.,	
	For perforating same	1 00
	numbering same	1 00
11	furnishing and cutting 125 boards for journal files @ 5c 125 " " bill files @ 5c	6 25 6 25
	blocking 54 journal blanks, sam. 48	54
12	binding 1 ledger, 1/4 Russia, 5 quires, sam. 39	80
	cutting index	50
	paging same, sam. 51	30
13	furnishing paper for 9 books for senate, house and joint resolution	9 00
	binding 1 Senate Bill No. 1 to 200, 3 quires, sample 39	54
	" 1 " " " 201 " 400, 3 " " " 39	54
	" 1 " " " 401 " 600, 3 " " " 39	54
	" 1 House " " 1 " 200, 3 " " " 39	54
	" 1 " " " 201 " 400, 3 " " " 39	54
	" 1 " " " 401 " 600, 3 " " " 39	54
	" 1 " " " 801 " 800, 3 " " " 39	54
	" 1 Senate Joint Resolutions, 1 " " " 39	15
	" 1 House " " 1 " " 39	15
	making and lettering labels and putting them on side of aforesaid books, 9 @ 40c	3 60
	paging same, sam. 51	35
	blocking 50 legislative blanks, sam. 47	1 00
	" 100 " " " 48	1 00
	" 100 " " " 48	1 00
	" 100 " " " 48	1 00
	" 100 " " " 48	1 00
	" 50 " " " 49	50
18	binding 1 judiciary, 5 quires	80
	" 1 railroad, 3 quires	54
	" 1 cities and villages, 3 quires	54
	" 1 finances and appropriations, 3 quires	54
	" 1 roads and bridges, 2 quires	35
	" 1 education and public school, 2 quires	35
	" 1 labor interests, 2 quires	35
	" 1 insurance, 2 quires	35
	" 1 counties and towns, 2 quires	35
	" 1 liquor traffic, 2 quires	35
	" 1 fisheries, 2 quires	35
	" 6 books, 7 quires	1 25
	The above are all 1/4 Russia and sample 39; cutting index and lettering 17 books at 40c	6 80
	paging same, sample 51, \$1.38; making labels, lettering and putting same on 11 books @ 40c, \$4.40	5 78
	making 10 check books @ 12c, \$1.20; furnishing board and making 150 file boards for bills @ 5c, \$7.50	8 70
	folding and stitching Legislative Journal, from January 4 to 12, 26,000 sheets, sam. 15	38 00
	extra folding on exhibit "A," official ballot in journal, sam. 16	1 20
	pasting 4,000 same in journal, sam. 54	4 00
	binding with covers 800 Jackson prison reports, 1892, sam. 54	2 80
	pasting in same 800 1/4 sheets of physician's report, sam. 54	50
	1,800 tables, sam. 54	1 00
	binding without covers 50 of Gov. Winans pardon messages, sam. 15	43
2	cutting blotting paper, 11 cuts, sam. 50	1 10
11	" " " for Senate, 11 cuts, sam. 50	1 10
	" " " " 11 " " 50	1 10
	making 18 blocks, sam. 48	15
	blocking 18 blocks, sam. 47	86
	making 500 1-16 blocks, sam. 47	10 00
15	cutting manilla wrappers, 104 cuts, sam. 50	10 40
	" paper for House, 2 cuts, sam. 50	20
	<i>Allowed February 23, 1898.</i>	
24	Robert Smith & Co.,	
	For ruling 9 Senate bill books two sides	4 50
	furnishing and cutting 100 boards for bill files @ 5c	5 00
	mounting 60 Senate con.	6 00
	counting and trimming 500 sheets joint resolutions file No. 1, sam. 15	25
	" " " 500 " " " 2, " 15	25
	" " " 500 " " " 3, " 15	25
	folding and counting 500 " " " 4, " 15	25
	Amount carried forward	\$2,339 78

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BINDING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
Jan. 24	Amount brought forward	\$3,289 78
	Robert Smith & Co.,	
	For folding and counting 500 bills, file No. 9, sam. 15	25
	" " " 500 " " 10, " 15	25
	" " stitching 1,000 " " 5, " 15	50
Feb. 2	counting and trimming 500 sheets bills, file No. 8, sam. 15	25
	" " " 500 " " 7, " 15	25
	" " " 500 " " 8, " 15	25
	" " " 500 " " 11, " 15	25
	" " " 500 " " 12, " 15	25
	" " " 500 " " 12, " 15	25
	" " " 500 " " 14, " 15	25
	binding 1 index book, $\frac{1}{4}$ Russia, 5 quires, sam. 39	90
	paper for same	1 00
	cutting index through	50
	ruling	50
6	making and lettering labels and printing the same on both sides of book	60
	blocking 100 com. blanks, sam. 47	2 00
	" 5 " " 47	10
	" 100 " " 47	2 00
	binding 5 check books, @ 120	60
	counting and trimming 500 sheets, file No. 16, sam. 15	25
	" " " 500 " " 19, " 15	25
	" " " 500 " " 20, " 15	25
	" " " 500 " " 21, " 15	25
	" " " 500 " " 22, " 15	25
	" " " 500 " " 24, " 15	25
	" " " 500 " " 25, " 15	25
	" " " 500 " " 26, " 15	25
	" " " 500 " " 27, " 15	25
	" " " 500 " " 28, " 15	25
	" " " 500 " " 29, " 15	25
	folding and stitching 3,000 " " 15, " 15	1 50
	" " " 5,500 " " 17, " 15	2 75
	" " " 1,500 " " 18, " 15	75
	" " " 1,500 " " 31, " 15	75
	" " counting 500 " " 28, " 15	25
	pasting 500 official ballots into Senate Journal, No. 31, sam. 54	50
	folding same	15
9	" and counting 500 joint resolutions, file No. 5, sam. 15	25
	" " " 500 " " 5, " 15	25
	" " " 500 reprint, " " 27, " 15	25
	counting and trimming 500 sheets, file No. 22, sam. 15	25
	" " " 500 " " 24, " 15	25
	" " " 500 " " 25, " 15	25
	" " " 500 " " 27, " 15	25
	" " " 500 " " 28, " 15	25
	" " " 500 " " 29, " 15	25
	" " " 500 " " 40, " 15	25
	" " " 500 " " 41, " 15	25
	" " " 500 " " 42, " 15	25
	" " " 500 " " 43, " 15	25
	" " " 500 " " 45, " 15	25
	" " " 500 " " 46, " 15	25
	" " " 500 " " 47, " 15	25
	" " " 500 " " 48, " 15	25
	" " " 500 " " 49, " 15	25
	folding " counting 500 " " 44, " 15	25
	" " " 500 " " 36, " 15	25
	" " " 500 " " 33, " 15	25
	pasting 500 sheets, file No. 39, sam. 54	50
	blocking 207 resolution blanks, sam. 48	2 07
Jan. 24	binding 1 index, $\frac{1}{4}$ Russia, 3 quires, sam. 39	54
	paper for same	1 00
	ruling	50
	cutting index through book making 2 labels, lettering them and putting on both sides of index	1 10
	ruling 9 House bill books 2 sides	4 50
	binding 1 liquor traffic book $\frac{1}{4}$ Russia, 5 quires, sam. 39	90
	binding one printing book $\frac{1}{4}$ Russia, 5 quires, sam. 39	90
	" " military official book, $\frac{1}{4}$ Russia, 5 quires, sam. 39	90
	pagging above, 3 books, sam. 51	72
	cutting index in same, @ 40c	1 20
	making labels, lettering and putting same on above 3 books @ 40c	1 20
	Amount carried forward	\$2,331 51

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BINDING.

Date.	Items.	Amount.
	<i>Allowed February 28, 1898.</i>	
	Amount brought forward	\$2,381 51
Jan. 24	Robert Smith & Co.,	
	For furnishing and cutting 125 boards for bill file @ 05c.....	6 25
	binding 1 book, agriculture, 5 quires	90
	" 1 " education, 5 "	90
	" 1 " ways and means, 5 quires.....	90
	" 1 " State officers, 5 "	90
	the above all ¼ Russia, sam. 89, and paging same	72
	making and lettering labels and putting into above books.....	1 00
	cutting index in same, @ 40c	1 60
	taking apart and making 4 books from 1 certificate book.....	2 00
	furnishing board and mounting 60 com. lists, @ 10c.....	6 00
Feb. 2	folding and cutting 500 sheets file No. 1, sam. 15.....	7 50
	" 500 " 5, " 15.....	7 50
	" pasting 1,000 " 6, " 15.....	15 00
	counting and trimming 500 sheets file No. 2, sam. 15.....	7 50
	" 500 " 3, " 15.....	7 50
	" 500 " 4, " 15.....	7 50
	" 500 " 7, " 15.....	7 50
	" 500 " 8, " 15.....	7 50
	" 500 " 9, " 15.....	7 50
	folding Stockbridge credentials	25
6	binding 1 judiciary book, ¼ Russia, 5 quires sam. 89.....	54
	" paging same.....	12
	" cutting index in same.....	50
	" making labels, lettering and putting same on book.....	40
	" binding 1 election book, ¼ Russia, 2 quires, sam. 89.....	36
	" paging same.....	12
	" cutting index in same.....	50
	" making labels, lettering and putting same on book.....	40
8	counting and trimming 500 sheets, file No. 10, sam. 15.....	7 50
	" 500 " 11, " 15.....	7 50
	" 500 " 12, " 15.....	7 50
	" 500 " 16, " 15.....	7 50
	" 500 " 17, " 15.....	7 50
	" 500 " 22, " 15.....	7 50
	" 500 " 25, " 15.....	7 50
	" 500 " 26, " 15.....	7 50
	" 500 " 27, " 15.....	7 50
	" 500 " 29, " 15.....	7 50
	" folding and counting 500 " 18, " 15.....	7 50
	" 500 " 14, " 15.....	7 50
	" 500 " 32, " 15.....	7 50
	" 500 " 30, " 15.....	7 50
	" pasting 1,000 " 15, " 15.....	15 00
	" 1,000 " 18, " 15.....	15 00
	" 1,000 " 20, " 15.....	15 00
	" stitching 8,500 " 19, " 15.....	127 50
	" 1,500 " 21, " 15.....	22 50
	" 11,000 " 24, " 15.....	165 00
	" pasting 1,000 " 28, " 15.....	15 00
	" 1,000 " 31, " 15.....	15 00
	" 1,000 " 37, " 15.....	15 00
	" 1,000 " 39, " 15.....	15 00
10	cutting and trimming 500 " 32, " 15.....	7 50
	" 500 " 33, " 15.....	7 50
	" 500 " 34, " 15.....	7 50
	" 500 " 36, " 15.....	7 50
	" 500 " 38, " 15.....	7 50
	" 500 " 40, " 15.....	7 50
	" 500 " 41, " 15.....	7 50
	" 500 " 44, " 15.....	7 50
	" folding and cutting 500 " 35, " 15.....	7 50
	" 500 " 42, " 15.....	7 50
	" 500 " 45, " 15.....	7 50
	furnishing and cutting 50 bill boards @ 5c.....	2 50
	binding 3 books into 1, being railroad, private corporations and labor inter- ests, ¼ Russia, sam. 89.....	1 62
	" paging same.....	36
	" cutting and lettering index.....	1 20
	" taking apart 1 certificate book and making same into 2, ¼ Russia.....	1 00
13	counting and trimming 500 sheets, file No. 45, sam. 15.....	7 50
	" 500 " 46, " 15.....	7 50
	" 500 " 48, " 15.....	7 50
	Amount carried forward	\$2,484 17

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BINDING.

Date.	Items.	Amount.
	<i>Allowed February 23, 1898.</i>	
Feb. 13	Amount brought forward	\$2,434 17
	Robert Smith & Co.,	
	For counting and trimming 500 sheets, file No. 49, sam. 15	25
	" " " 500 " " " 50, " 15	25
	" " " 500 " " " 53, " 15	25
	" " " 500 " " " 57, " 15	25
	" " " 500 " " " 59, " 15	25
	" " " 500 " " " 60, " 15	25
	" " " 500 " " " 61, " 15	25
	" " " 500 " " " 62, " 15	25
	" " " 500 " " " 47, " 15	25
	folding and stitching 4,000 " " " 51, " 15	2 00
	" " " 1,500 " " " 54, " 15	75
	" " " 17,000 " " " 63, " 15	8 50
	" " " 13,500 " " " 64, " 15	6 75
	" " counting 500 " " " 56, " 15	25
	" " " 500 " " " 58, " 15	25
	" " " 1,000 " " " 52, " 15	50
	" " pasting 500 " " " 52, " 54	50
	" " counting 1,500 " " " 55, " 15	75
	" " pasting 500 " " " 55, " 54	50
Jan. 24	binding 1,115 geological report, paper, sam. 1	11 15
	" 100 Jackson Prison report, cloth, sam. 4	10 00
	pasting 100 physician's report in same, sam. 54	10
	" 200 tables, report insane, sam. 54	20
	binding 80 geological reports, cloth, sam. 4	8 00
	folding and stitching 72,000 Legislative Journals, from January 13 to 21, sam. 15	
30	folding 500 applications to Governor for requisition, sam. 16	15
	extra folding, furnishing wrappers, stamping and mailing Legislative Journals, 1,350 each day for January 4 and 5 @ 70c	18 90
	binding, with covers, 800, report of State Industrial Home for Girls, sam. 11	2 20
	pasting 4,800 plates in same, sam. 54	4 80
	binding, with covers, 1,500 reports of State Board of Inspectors, sam. 11	4 18
	" 700 reports of State Board of Education, sam. 11	1 93
Feb. 2	folding 500 proclamations, Blaine, sam. 16	15
	binding with covers 2,000 messages of Governors Winans and Rich, sam. 11	5 50
8	" 1,000 joint documents, vol. 4, 1891, 1/4 sheep, @ 14c	140 00
	extra folding, furnishing wrappers, stamping and mailing Legislative Journals, from January 10 to 14, 1,350 each day @ 70c	47 25
	binding with covers, 900 reports of Game and Fish Warden, sam. 11	2 48
	pasting 900 1/4 sheets on back, sam. 54	90
	folding and stitching Legislative Journals, from January 13 to 24, 88,000 sheets @ 5c, sam. 15	44 00
	folding and stitching Legislative Journals, from February 1 to 11, 44,000 sheets @ 5c	22 00
11	binding 1,202 joint documents, vol. 4, 1891, 1/4 sheep @ 14c	168 28
	extra folding, furnishing wrappers, stamping and mailing Legislative Journals, from January 16 to 21, inclusive, 1,350 each day @ 70c	56 70
	folding and stitching Legislative Journals, from February 6 to 9, 45,500 sheets, sam. 15	22 75
	binding 100 mines and mineral statistics, 1892, sam. 4	10 00
	<i>Allowed March 29, 1898.</i>	
27	Robert Smith & Co.,	
	For extra folding, furnishing wrappers, stamping and mailing 1,400 Daily Journals each day from January 30 to February 4 @ 70c per 100	58 80
	extra folding, furnishing wrappers, stamping and mailing 1,400 Daily Journals each day from February 6 to 9 @ 70c per 100	40 20
	binding with covers 800 reports, Soldiers' Home, sam. 11	2 20
	pasting 800 plates in same, sam. 54	80
	extra folding, furnishing wrappers, stamping and mailing 1,100 Daily Journals each day from February 9 to 17, 8 days, 70c per 100	61 60
24	binding with covers 700 reports of superintendent of Michigan Asylum for Dangerous and Criminal Insane, sam. 11	1 98
	extra folding of 700 tables, sam. 16	21
	pasting 700 tables in same, sam. 54	70
Mar. 1	folding and stitching 203,000 sheets of Legislative Journal from February 2 to 24, inclusive, sam. 15	101 50
	extra folding, furnishing wrappers, stamping and mailing Daily Journals from February 18 to 27 inclusive, 1,100 each day, 8 days, @ 70c per 100	61 60
3	binding 404 books, Soldiers' Home, cloth, sam. 4	40 40
	pasting plate in 400 same, sam. 54	40
	Amount carried forward	\$3,409 08

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BINDING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 10	Amount brought forward	\$3,408 08
	Robert Smith & Co..	
	For extra folding, furnishing wrappers, stamping and mailing 1,100 Daily Journals each from February 27 to March 8, 8 days, @ 70c per 100	61 60
	folding and stitching 196,500 sheets of Legislative Journals from February 25 to and including March 8 @ 5c	68 25
	folding and stitching 49,000 Legislative Journals from March 9 to 16 inclusive, sam. 15	24 50
	extra folding, furnishing wrappers, stamping and mailing 1,100 Daily Journals each day from March 8 to 16 inclusive, 5 days only, @ 70c per 100	28 50
Dec. 9	folding 480 paper for volunteer book, sam. 16	1 44
Jan. 24	" stitching 20 legislative journals from January 21 to 31	\$10 00
	by previously paid on above	8 00
Feb. 24	cutting paper, 12 cuts, sam. 50	2 00
Mar. 1	" 500 each of bills file number, as follows, viz:	1 20
	30, 50, 53, 53, 54, 55, 56, 57, 58, 59, 60, 62, 63, 65, 66, 67, 68, 70, 71, 73, 74, 76, 77, 78, 79, 80, 83, 84, sam. 15	7 00
	folding 500 each of file No. 51 and 73, sam. 15	50
	and pasting 1,000 file No. 69, sam. 54 and 55	1 00
	" stitching 2,000 file No. 61, sam. 15	1 00
	" " 1,500 " " 64, " 15	75
	" " 8,000 " " 81, " 15	4 00
	" " 7,000 " " 82, " 15	3 50
	" " 12,500 " " 83, " 15	6 75
	500 Blaine memorials, sam. 16	1 15
	binding 1 book of House bills from No. 801 to 1,000, ¼ Russia, 3 quires, sam. 39	54
	paper for same	50
	ruling	25
	pegging	12
	making and lettering labels for same	40
	binding 1 index ¼ Russia, 3 quires, sam. 39	54
	paper for same, 50c; ruling, 25c	75
	cutting index, 50c; label, 40c	90
8	folding 500 each of file No. 87, 93, 102, 104 and 106, sam. 15	1 25
	counting 500 each of file No. 88, 89, 90, 91, 93, 96, 98, 100, 101, 103, 106 and 107, sam. 15	8 00
	counting and pasting 1,000 file No. 99, sam. 54 and 15	1 00
	folding and pasting 1,000 file No. 94, sam. 54 and 15	1 00
	" stitching 7,500 " " 86, " 15	8 75
	" " 1,500 " " 95, " 15	75
	" " 3,500 " " 97, " 15	1 75
	extra folding on official ballot in No. 97	25
	pasting in same, sam. 45	50
20	folding, stitching, trimming and counting 400 calendars, cloth backs, @ 5c	20 00
	binding two calendars, leather backs and corners	2 00
	counting 500 sheets each of file Nos. 108, 109, 110, 113, 114, 115, 118, 119, 121, 123, 125, 126, 131, 133, 136, 138, 140, 141, 142, 143, 144, 146, 147, 148, 149, 151, and 152, sam. 15	7 00
	folding 500 sheets each of file Nos. 111, 120, 124, 128, 129, 132, 137, 139, 145 and 150, sam. 15	2 50
	folding and pasting 1,000 bills each of file No. 75-112, 100-116, 75-117, 100-130, 75-134 and 100-135, sam. 15 and 54	5 25
	folding and stitching 16,500 sheets of file No. 127, sam. 15	8 25
21	ruling paper for 400 calendars	8 00
	binding 10 receipt books, @ 12c	1 20
1	counting 500 bills each of file Nos. 65, 67, 68, 70, 71, 73, 74, 75, 76, 77, 82, 86, 87, 88, 90, 91, 93, 94, 96, 98, 97, 99, 100 and 101, sam. 15	6 25
	folding 500 bills each of file Nos. 69, 78, 84, 85, 89, 92 and 98, sam. 15	1 75
	folding and stitching 1,500 file No. 68, sam. 15	75
	" " 6,500 " " 73, " 15	8 25
	" " 2,500 " " 79, " 15	1 25
	" " 6,000 " " 80, " 15	8 00
	" " 16,000 " " 81, " 15	8 00
8	counting 500 bills each of file Nos. 102, 106, 107, 109, 110, 111 and 112, sam. 15	1 75
	folding 500 each of file No. 108 and 113, sam. 15	50
	and pasting 1,000 file No. 109, sam. 54 and 15	25
	" stitching 10,000 file No. 103, sam. 15	5 00
	" " 2,000 " " 105, " 15	1 00
10	150 file boards, 9x14, @ 5c	7 50
	150 " 11x14, @ 5c	7 50
	folding, stitching, binding and covering 400 Hodse calendars, @ 5c	20 00
	Amount carried forward	\$3,771 42

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BINDING.

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
Mar. 20	Amount brought forward	\$3,771 42
	Robert Smith & Co.,	
	For blocking 106 amendment blanks, sam. 49	1 08
	binding 2 calendars, leather backs and covers	2 00
	folding and stitching 11,500 sheets bill, file No. 114, sam. 15	5 75
	" " " 10,000 " " " 120, " 15	5 00
	" " " 3,000 " " " 125, " 15	1 50
	" " " 10,000 " " " 127, " 15	5 00
	" " " 2,000 " " " 137, " 15	1 00
	" " " 1,500 " " " 150, " 15	75
	" " " 500 " " " 151, " 15	25
	" " " 1,500 " " " 157, " 15	75
	" " " 3,500 " " " 169, " 15	1 75
	" " " 2,000 " " " 177, " 15	1 00
	" " " 2,500 " " " 179, " 15	1 25
	" " " 2,500 " " " 180, " 15	1 25
	" " " 4,000 " " " 181, " 15	2 00
	" " " 2,000 " " " 188, " 15	1 00
	" " " 1,500 " " " 187, " 15	75
	" " " 1,500 " " " 187, " 15	75
	" " " 1,500 " " " 119, " 15	75
	counting 500 bills each of Nos. 122, 128, 129, 130, 131, 132, 133, 134, 135, 136, 140, 141, 142, 148, 147, 148, 152, 156, 158, 160, 162, 163, 165, 166, 167, 170, 171, 172, 173, 174, 184, 186, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 201, 202, 207, 208, 209, 210	12 00
	folding and counting 500 bills each of Nos. 115, 116, 117, 121, 123, 124 and 123, sam. 15	1 75
	folding and pasting 1000 bills each of Nos. 75-118, 50-139, 75-143, 75-144, 75-149, 75-153, 75-155, 75-175, 100-178, 100-203, 75-204, 75-205, 100-206, sam. 54 and 15	11 00
	counting and pasting 1000 bills, No. 126, sam. 15	75
	folding 500 sheets each of bills Nos. 154, 159, 161, 164, 165, 176, 182, 185, 188 and 200	2 50
21	ruling paper for 400 calendars	16 00
1892		
Dec. 12	5 hours' work in making over galleys 1 to 6 @ 30c	1 50
	2 " " 7 " 17 @ 30c	60
Jan. 3	binding 103 reports 1891, 2 cloth, sam. 4	10 20
	" " with covers, 750 reports 1891-2, sam. 11	2 08
	" " 25 reports, full sheep, sam. 8	9 38
	manilla board for 100 portfolios	3 00
	labor in making same	2 00
	binding 25 reports, full sheep, sam. 8	9 37
10	500 comp. slips, sam. 8	70
	paper for same	25
	binding 74 reports, cloth, sam. 4	7 40
	binding 800 reports, sam. 11	2 30
	extra folding tables, sam. 16	24
	pasting in 800 tables, sam. 54	30
	" " 800 errata, sam. 54	36
20	binding 100 reports, cloth, sam. 4	10 00
	pasting 100 tables in same, sam. 54	10
	300 errata slips, sam. 8	3 20
	<i>Allowed April 26, 1898.</i>	
Apr. 4	Robert Smith & Co.,	
11	For blocking 10 bill blanks, sam. 47	10
	counting 500 sheets each of bill file Nos. 153, 154, 155, 157, 158, 162, 164, 166, 168, 170, 171, 172, 173, 174, 175, 176, 177, 178, 181, 182, 184, 185, 188, 190, 191, sam. 15	6 25
	folding and pasting 1,000 sheets each of bills file No. 156, 161, 165, 179, samples 15 and 54	3 00
	folding 500 sheets each of bills file No. 159, 160, 163, 167, 183, 186, 187, 189, sam. 15	2 00
	folding and stitching bill file as follows: No. 169, 3,500	1 75
	" " " 180, 1,500	75
14	blocking 10 committee blocks, sam. 46	50
4	binding with covers 188 court briefs, sam. 11	55
	counting 500 sheets each of bills file No. 211, 214, 215, 216, 218, 219, 220, 221, 222, 223, 226, 227, 228, 230, 233, 234, 235, 236, 237, 238, 241, 242, 243, 244, 247, 248, 249, 250, 251, 252, 255, 256, 258, 259, 260, 262, 263, 264, 265, 266, sam. 15	10 00
	folding 500 sheets each of bills file No. 213, 217, 229, 231, 232, 239, 240, 245, 257, 267, sam. 15	2 50
	folding and pasting 1,000 sheets each of bills file No. 212 and 263, samples 15 and 54	1 50
	Amount carried forward	\$3,940 63

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BINDING.

Date.	Items.	Amount.
<i>Allowed April 26, 1898.</i>		
	Amount brought forward.....	\$2,490 06
Apr. 4	Robert Smith & Co., For folding and stitching bills file numbered as follows, viz.: 224, 8,500.....	4 25
	225, 7,000.....	2 50
	246, 4,800.....	2 25
	254, 34,500.....	17 25
	261, 2,000, sam 15.....	1 00
3	folding and stitching daily Legislative Journal from March 18 to 27, 87,500 sheets @ 5c.....	43 75
	extra folding, furnishing wrappers, stamping and mailing 1,100 Journals each day, from March 18 to 29, 10 days @ 70c.....	77 00
4	binding 207 reports, Asylum for Insane Criminals, Ionia, cloth, sam. 4.....	20 70
	extra folding, 207 tables, sam. 16.....	06
	pasting 207 same in book, sam. 54.....	20
14	folding and stitching Legislative Journals from March 27 to and including April 12, 87,500 sheets, sam. 15.....	43 75
	extra folding, furnishing wrappers, stamping and mailing Daily Journals from March 27 to and including April 12, 10 days, 100 each day, @ 70c.....	77 00
8	binding with covers 900 reports, sam. 11.....	2 48
10	ruling 2,000 legal cap for machine, sam. 34.....	2 40
14	furnishing and cutting 150 file boards, @ 5c.....	7 50
Dec. 8	binding 100 reports with covers for Northern Michigan Asylum, sam. 11.....	22
	pasting 1,300 plates in same, sam. 54.....	1 20
<i>Allowed May 31, 1898.</i>		
Apr. 24	Robert Smith & Co., For cutting 2,000 sheets paper, 9 cuts, sam. 50.....	90
May 18	counting 500 sheets each of bills No. 223, 226, 237, 238, 239, 240, 242, 233, 236, 237, 239, 301, 308, 305, 306, 308, 309, 311, 313, 315, 316, 319, 322, 323, 324, 325, 326, 329, 332, 333, 334, 335, 336, 337, 338, 340, 341, 344, 347, 348, 352, 353, 355, 356, 358, 359 and 361, sam. 15.....	11 75
	folding 500 sheets each of bills Nos. 294, 302, 310, 317, 320, 321, 327, 330, 339, 342, 343, 346, 349, 351, 354, 357 and 360, sam. 15.....	4 25
	folding and pasting 1,000 each of bills No. 283, 285, 295, 300, 307, 312, 318 and 331, sam. 15 and 54.....	6 00
	folding and stitching 1,500 sheets each of Nos. 284, 304 and 345, sam. 15.....	2 25
	" " " 2,000 " " " No. 328, sam. 15.....	1 00
	" " " 2,500 " " " 291, " 15.....	1 25
	" " " 3,000 " " " 298, " 15.....	1 50
	" " " 3,500 " " " 314, " 15.....	1 75
	" " " 4,500 " " " 360, " 15.....	2 25
	" " " 1,500 " " " House joint resolutions Nos. 8, 9 and 10, sam. 15.....	2 25
22	folding 200 amendments to general tax law, sam. 16.....	06
Apr. 24	perforating and binding 5 receipt books @ 12c.....	60
May 12	stapling 100 index blocks.....	2 00
24	cutting 1 ream report paper, 12 cuts, sam. 50.....	1 20
18	folding and stitching 8,000 sheets each of bills No. 210 and 212, sam. 15.....	8 00
	" " " 1,500 " " " 317 and 340, " 15.....	1 50
	" " " 500 " " " 215, 222, 225, 236, 239, 296 and 242, sam 15.....	1 75
	folding and pasting 1,000 sheets each of bills No. 223, 234, 239, 241, 248 and 251, sam. 15 and 54.....	4 50
	counting 500 sheets each of bills No. 211, 213, 214, 216, 218, 219, 220, 231, 227, 228, 230, 231, 233, 234, 235, 237, 238, 243, 244, 245, 246, 247, 249 and 250, sam. 15.....	6 00
5	folding and stitching 126,000 sheets of Legislative Journals from April 18 to 27, sam. 15.....	63 00
	extra folding, furnishing wrappers, stamping and mailing daily journals from April 12 to May 4 inclusive, 15 days, 1,100 each day @ 70c.....	115 50
18	folding and stitching 127,500 Legislative Journals from April 27 to and including May 13, sam. 15.....	63 75
29	binding 1,300 Blaine memorials @ 12c.....	24 00
	" " 1,300 Hayes and Baldwin memorials @ 12c.....	24 00
	" " 100 manuals @ 41c.....	41 00
	extra folding, 1,000 on same, sam. 16.....	30
	binding 500 manuals @ 41c.....	205 00
	extra folding, 5,000 maps in same, sam. 16.....	1 80
	binding 1 manual for M. E. Marsh, 41c; lettering same, 10c.....	51
	" " with covers 900 reports for inspector of illuminating oils, sam. 11.....	2 48
13	binding without covers 5,000 crop reports No. 38, sam. 13.....	11 50
Apr. 24	1,400 fish commissioners reports, sam. 1.....	14 08
	pasting 1,400 plates each of Nos. 1, 2, 3, 4, 5 on guard, sam. 54.....	7 00
	1,400 " " " 1, 2, 3, 4, 5 in book, " 54.....	7 00
	binding 303 fish commissioners reports, sam. 4.....	30 20
	Amount carried forward.....	\$4,918 06

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BINDING.

Date.	Items.	Amount.
<i>Allowed May 31, 1898.</i>		
	Amount brought forward	\$4,915 09
Apr. 24	Robert Smith & Co.,	
	For pasting 302 plates each of Nos. 1, 2, 3, 4, 5 on guard, sam. 54	1 50
	" 302 " " " " 1, 2, 3, 4, 5 in book, " 54	1 50
May 5	binding 4 manuals, @ 41c	1 64
	" 145 " " " " @ 41c	59 45
	extra folding 1,450 maps for same, sam. 18	40
8	lettering 2 manuals for W. F. Library, 4 lines, sam. 52	43
	binding 10 manuals, @ 41c	4 10
	extra folding 100 maps for same, sam. 18	08
12	branding 25 volumes each of vols. 1, 2 and 3 Howell's statute, sam. 10	75
	binding 302 manuals, sam. 17	123 82
	extra folding, 302 maps, sam. 18	91
22	binding without covers 4,400 crop reports No. 189, sam. 18	10 12
	" manual for W. W. Horton	41
	lettering same	10
24	binding 1,200 manuals, @ 41c	493 00
	extra folding 1,200 maps, sam. 18	3 60
	binding 5 manuals, @ 41c	2 05
Feb. 24	" report for State Board of Health, as follows:	
	1,000 reports, old contract, @ 11c	110 00
Mar. -7	1,500 " " " " @ 11c	165 00
10	1,000 " " " " @ 11c	110 00
12	1,000 " " " " @ 11c	110 00
21	1,000 " " " " @ 11c	110 00
<i>Allowed June 28, 1898.</i>		
June 7	Robert Smith & Co.,	
	For binding 150 manuals, sam. 17	61 50
	" 272 " " public schools, sam. 17	111 52
	" 10 " " sam. 17	4 10
	" 500 " " " " 17	205 00
	" 500 " " " " 17	205 00
	folding and stitching 191,700 sheets Legislative Journal, from May 13 to May 29, sam. 15	95 85
	extra folding, furnishing wrappers, stamping and mailing Legislative Journals from May 4 to 27 inclusive, 19 days, 1,100 each day @ 70c	145 30
	binding 500 manuals, sam. 17	205 00
	" 500 " " " " 17	205 00
17	" 500 " " " " 17	205 00
	lettering 201 " for employee, sam. 52	20 10
20	cutting 500 sheets each of bills No. 255 and 256, sam. 15	50
	" 500 " " " Senate joint resolutions Nos. 1, 2, 3, 4, 5, 6, 7, 8 and 9	2 25
	folding 500 bills, No. 252, sam. 15	25
	" 500 Senate joint resolutions, No. 10, sam. 15	25
	" and pasting 1,000 each of bills Nos. 258 and 257, 15 and 54	3 75
	" " stitching 2,000, No. 254, 15 and 54	8 00
7	glueing and stapling 1,000 index blocks	10 00
20	cutting 500 each of bills Nos. 362, 365, 367, 368, 371, 372, 373, 374, 376, 377, 378, 379 and 380, sam. 15	3 25
	folding 500 each of bills, No. 363, 364, 366, 369 and 375, sam. 15	1 25
	pasting 1,000 bills No. 370, 15 and 54	1 00
	stitching 2,000 " " 381, 15 and 54	1 00
	" 500 " " " 11, sam. 15	25
20	pasting 62 plates and sheets into 4,995 manuals of 1898 in excess of number in manuals of 1887 as per contract @ \$1.00 per M, sam. 54	299 70
	Total for binding	\$8,010 32
STATIONERY.		
<i>Allowed July 27, 1892.</i>		
July 9	Three Rivers Paper Co.,	
	For 200 bundles, 800 reams 27x40-58, 24,900 lbs. @ \$4.43, State report	\$1,559 04
21	225 bundles 675 reams 27x40-58, 39,150 lbs.	
	1 " 4 5-20 " 27x30-58, 247 "	
	1 " 2 17-20 " 27x40-58, 166 "	
	1 " 3 16-20 " 27x40-58, 222 "	
	228 685 8-20 39,785 lbs. @ \$4.43	1,782 87
	Amount carried forward	\$3,341 41

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STATIONERY.

Date.	Items.	Amount.
	<i>Allowed August 31, 1892.</i>	
	Amount brought forward	\$3,341 41
Aug. 3	Theo. L. Backus, For Legislature extra session: 1 lb. sponge sam. 156	1 75
5	1 dozen waste baskets, sam. 141	6 25
	Ihling Bros. & Everard, For Legislature, extra session: 4 dozen ink stands @ \$3.25, sam. 69	\$13 00
	4 dozen sponge cups @ 60c, sam. 61	2 40
	1 gross pencils, sam. 31 F	3 50
	1 gross No. 043 Esterbrook pens, sam. 35	47
	1 gross No. 135 Esterbrook pens, sam. 38	47
	less express paid	\$19 84
		1 80
		18 54
	<i>Allowed September 28, 1892.</i>	
8	A. M. Emery, For 1 record for Legislature	75
	<i>Allowed November 30, 1892.</i>	
Nov. 18	Three Rivers Paper Co., For 107 bundles, 214 reams, 27x40-58, 12,412 lbs. 1 " 1 16 " 27x40-58 75 " 1 " 2 16 " 27x40-58 161 " 125 " 375 " 27x40-58 21,750 " 284 593 12- 34,398 lbs. @ .0448 per pound	1,541 08
	<i>Allowed December 28, 1892.</i>	
Dec. 15	Theo. L. Backus, For 15 dozen pyramid pins, sam. 127, @ 70c	10 50
	3 lbs. 18 white linen twine, " 182, 48c	1 44
	21 " 18 B. C. gray flax twine, " 184, 20c	4 20
	4 dozen thumb tacks, " 119, 33c	1 32
	4 " " " " 120, 26c	1 04
	4 " " " " 121, 20c	80
	1/4 " ruling pens, " 113, \$6.00	8 00
	3 " 12 inch B. E. rulers, " 105, 90c	2 85
	3 " 18 " " " " 109, \$1.40	4 20
	1 " 24 " " " " 110, "	2 10
	2 lbs. sponges, " 111, "	3 00
24	10 M. No. 6 1/4 XXX H. C. white envelopes, sam. 210, \$1.42	14 20
	3 " 9 " " " " 212, 2.25	6 75
	3 " 10 " " " " 214, 2.35	7 05
24	Ihling Bros. & Everard, For 100 No. 1 bronze calendar stands and pads	45 00
19	3 dozen mullage pots, sam. 64, \$3.60	10 80
	1 " paper weights, glass assorted, " 129 o. c.	7 00
	10 " bone folders, " 76, @ 15c	15 00
	14 " steel erasers, " 74c, \$1.75	24 50
	12 great gross No. 11 rubber bands, " 60, @ 9c per gross	10 80
	1 " " 14 " " " 60, 12c "	1 44
	1 " " 16 " " " 60, 14c "	1 68
	12 gross No. 31 " " " 60, 40c "	4 80
	8 " " 00 1/2 in " " 60, 75c "	6 00
	2 " " 000 1/2 in " " 60, @ \$1.75 per gross	3 50
	4 reams Crane's typewriter paper, 2 1/2 lbs. @ \$1.25 per ream, sam. 146	5 00
	2 gross Faber's hex pencils, No. 2, sam. 31a @ \$6.10	12 20
	1 " " sib, sam. 31b	10 00
	12 gross I. B. & E. T. pencils, sam. 31f, @ \$3.50	42 00
	1 " American blue pencils, No. 144, 32a	5 75
	5 lb No. 20 Para rubbers, sam. 58a, @ 90c	4 50
	5 gross No. 043 Esterbrook pens, sam. 38a, @ 47c	2 35
	2 " " 284 " " " 38a, " 47c	94
	1 " " 182 " " " 38a, " 47c	47
	5 " " 14 " " " 38a, " 47c	2 35
	4 " " 186 " " " 38a, " 65c	2 60
	4 " " 313 " " " 38a, " 47c	1 41
	6 " " 404 Gillott " " " 38r, " 45c	2 70
	8 reams 16 lb O. B. legal cap, 18, @ 18c	22 04
	1 " 18 " linen ledger, 20, @ 25c	4 50
	Amount carried forward	\$5,245 20

State of Michigan vs. The State of Michigan.

STATIONERY.

[illegible]

State of Michigan vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed January 25, 1898.</i>	
	Amount brought forward	\$6,065 35
Jan. 21	Ihling Bros. & Everard, For 3 reams 16 lbs Hornet linen, cut for legal paper, sam. 24, @ 25c	12 00
	ruling the above Hornet linen	3 00
	2 gross No. 312 Estb. pens, sam. 38 A, @ 47c	94
	2 " " 312 " " 38 A, @ 47c	94
	1 doz. stenog. note books, sam. 153	1 20
	50 ink erasers	2 00
	1 ream 17x22 24 lbs O. B. paper, sam. 25, @ 16c	3 84
18	2 doz. cut glass inkstands, sam. 69, @ \$3.25	6 50
	2 " steel erasers, sam. 74, @ \$6.75	13 50
	1 " mucilage pots, sam. 64	3 00
	1 " cut glass ink stands, sam. 70	13 00
	2 " No. 9 Spenc. pens, sam. 38 B, @ 75c	1 50
	1 " stenog. books, sam. 153	1 20
	1 ream 17x22 24 lbs O. B. paper, sam. 25, @ 16c	3 84
Dec. 30	Theo. L. Beckus, For 3 lbs pink linen twine, sam. 131, @ 48c	1 39
	2 doz. 12 in. B. E. rulers, sam. 108, @ 96c	1 92
	2 " 18 " " 109, @ \$1.40	2 80
	1/4 " 18 " flexible rulers, sam. 115, @ \$9.65	1 83
	1/4 " ruling pens, sam. 114, @ \$3.20	7 20
Jan. 4	5 " pen racks, sam. 156, @ \$1.44	7 20
	1 ream 24 lbs 19x24, sam. 27, @ 18c	4 32
	1 M No. 6 1/2 linen envelopes n. o. c.	1 70
	2 reams 20 lbs 17x22, sam. 27, @ 18c	7 20
	1/4 gross 314 Eagle pencils, n. o. c.	1 50
6	1 doz. pasteboard letter clips	3 25
	1 M No. 2 McGill's round head fasteners, sam. 99	2 94
	1 M " 3 " flat " 96	3 10
	10 M 763 No. 6 1/2 white envelopes @ \$1.42, sam. 210	14 20
	11 doz. Pyramid pin rolls @ 70c, sam. 127	7 70
	4 " 12-inch rulers, @ 96c, sam. 108	3 84
19	1 " letter pasteboard clips, sam. 124	3 25
13	1 " pasteboard note clips " 123	3 06
	1 " " cap " 125	3 25
	1/4 " ruling pens, sam. 118	3 00
	6 eyelet punchers @ \$1.50, sam. 100	10 50
	6 doz. 12-inch rulers @ 96c, sam. 108	5 76
	1 " Pyramid pins, sam. 127	70
9	Ihling Bros. & Everard, For 4 doz. sponge cups @ 60c, sam. 61	2 40
	5 gross No. 31 bands @ 40c, sam. 60	2 00
	5 " " 284 Estabrook pens @ 47c, sam. 38a	2 35
	5 " " 043 " " @ 47c, " 38a	2 35
	5 " " 14 " " @ 47c, " 38a	2 35
	5 " " 404 Gillott " " @ 45c, " 38a	2 25
Dec. 13	8,500 Senate plats @ \$5 M	42 50
	8,500 Representative plats @ \$3 M	43 50
	<i>Allowed February 22, 1898.</i>	
Feb. 11	Ihling Bros. & Everard, For 3 fountain sponge cups @ 50c	1 08
	2 doz. steel erasers @ \$2.75	5 50
	1/4 gross blue pencils @ \$3.00	1 50
Jan. 28	12 reams 24x36 600 lb. manilla paper @ 7c	43 00
30	50 No. 1 bronze calendar stand and pads	22 50
Feb. 2	2 doz. square ink stands @ \$3.25	6 50
	1 gross 604 Gillott pens	60
	2 " 312 Estabrook pens @ 47c	1 41
	2 " No. 7 gluc pens @ \$1.50	3 00
	5 reams 16 lb. O. B. numb legal @ 22c	17 00
	Theo. L. Beckus, For 500 mss. covers, Primrose N. O. C. @ 50c	2 50
	7 dozen No. 20 pen racks, each 12c	10 08
	2 lbs sponges @ \$1.75	3 50
6	500 4x9 flat files, N. O. C., @ \$1.75	6 25
	200 4x9 in. Gussert files @ \$2.00	4 00
	1 M No. 3 McGill's round head fasteners	3 94
	1 M No. 3 McGill's flat head fasteners	2 10
	12 doz. thumb tacks @ 26c	3 12
1	1 M sheets 17 x 28 No. 25 bond paper	26 00
	Amount carried forward	\$8,459 08

Date.	Items.	Amount.
	<i>Allowed March 29, 1898.</i>	
	Amount brought forward	\$8,480 08
Feb. 25	Ihling Bros. & Everard, For 2 doz. instants, glass, @ \$3.25, sam. 60	6 50
	1/4 " " " " @ \$13.00, " 70	6 50
	2 " sponge cups, @ 60c, " 61	1 20
	1 " mucilage pots, " 63	2 00
	2 " rubber pen holders, @ \$1, " 43	2 00
Mar. 16	5 gross 048 Estb. pens, @ 47c, " 38 A	2 38
	1 " blue pencils, " 32 A	5 75
	6 " No. 81 bands, @ 40c, " 60	2 40
	2 " 0000 1/4 in. bands, @ \$1.75, sam. 60	3 50
15	1 1/2 doz. inkstands, glass, @ \$13.00, sam. 70	19 50
	2 " mercantile bill holders, @ \$3.50, n. o. c.	7 00
	15 " favorite files, @ \$3.75, n. o. c.	56 25
	3 1/2 rms. 14x17 18 lbs Superfine, @ 13 1/2c, sam. 22	81 41
10	Theo. L. Backus, For 12 eyelet punches, @ \$1.80, sam. 100	21 60
8	10 M 763-6 1/2 Gov. envelopes, @ \$1.42, sam. 210	14 20
16	1/2 doz. ruling pens, improved points, @ \$6.00, sam. 113	3 00
2	5 M 753-9 envelopes, @ \$1.89, sam. 204	9 45
	5 M 753-10 envelopes, @ \$1.90, sam. 205	9 95
27	1 doz. rolls red tape, sam. 117	3 15
Feb. 24	A. M. Emery, For 90 lbs. blotting paper, @ 14c	12 60
27	1 gross 314 pencils	4 80
28	1 doz. Favorite files cloth	9 00
Mar. 1	1 T. W. ribbon black record Remington	60
11	1 gross pens, 604, 38 n	60
13	1/2 doz. 16-inch shears @ \$30	10 00
	3 " pen holders @ 75c	2 25
16	1 " Stafford's fluid, 51 d	4 25
	1/2 " pinta crimson ink, 55a, @ \$9.50	3 17
	2 corkcrews @ 25c	50
	1 doz. 8-inch shears, item 81	7 00
20	16 1/2 doz. Underwood's carbon @ 35c	5 78
24	2 gross Gillott's pens, 404, @ 45c	9 90
25	2 doz. T. W. erasers @ 50c	1 00
	1 Underwood Smith Premier Ribbon	75
	<i>Allowed April 26, 1898.</i>	
Apr. 6	Ihling Bros. & Everard, For 4 reams Crane's typewriter paper, letter size, @ \$1.10, sam. 145	4 40
	4 " " " cap " " 1.25, " 146	5 00
	1 No. 2 stamp pad, sam. 152	25
	10 reams 18 lb O. B. linen ledger, @ 25c, sam. 30	45 00
	5 " 18 lb " legal cap, @ 18c, sam. 18	14 40
	5 gross 000 1/4 inch bands, @ 75c, sam. 60	3 75
Mar. 30	5 " No. 404 Gillott pens, @ 45c, sam. 38a	2 25
	A. M. Emery, For 3 gross 404 Gillott pens	90
24	2 doz. typewriter erasers @ 50c	1 00
25	1 Underwood typewriter ribbon for Smith prim.	75
April 8	10 doz. bill files @ \$3.00	30 00
5	2 doz. Arnold's ink @ \$4.76	9 50
12	3 " penholders, item 41	1 50
17	1 qt. ink	40
	<i>Allowed May 21, 1898.</i>	
May 12	Ihling Bros. & Everard, For 2 reams 16 lb. cap ruled paper @ 18c, sam. 16	5 76
	1 gross No. 10 gluc pens, " 38e	1 50
Apr. 28	1/4 " " 340 Estabrook pens, @ \$2.25, sam. 38d	56
May 3	Theo. L. Backus, For 1/2 dozen calligraph record ribbons, @ \$6.00 sam. 144	1 50
	1 " rolls No. 3 pins, " 127	70
	1 M assort McGill's flat fasteners, " 98	2 10
Apr. 26	1/2 doz glass ink bottles, @ \$1.65, " 66	83
	7 M 763-6 1/2 government envelopes, @ \$1.42 " 210	9 94
May 3	3 M 763-6 1/2 envelopes, @ \$1.42, " 210	4 26
	2 M 763-6 " 1.80, " 209	2 80
	1 standard U. S. postal scale, n. o. c.	2 50
29	Chas. Hesse, For 2 fountain pens for Lieut. Governor and secretary of senate	6 00
	Amount carried forward	\$8,966 39

ANNUAL REPORT OF THE

State of Michigan vs. The State of Michigan.

STATIONERY.

Date.	Items.	Amount.
	<i>Allowed May 31, 1893.</i>	
	Amount brought forward	\$8,936 29
May 9	Sam'l L. Eggleston,	
	For 1 memo. for Dennis E. Alward, secretary of Senate.....	50
April 22	1 " " Mrs. T. C. Betts, engrossing and enrolling clerk.....	75
May 4	A. M. Emery,	
	For 1 quart manilage, item 57.....	75
	1/2 gross penholders, sam. 42 a.....	1 25
10	1/2 doz Lion paper weights, sam. 88 a, @ \$3.00	1 50
25	1 " 9 in. shears, item 82	7 50
8	1 S. P. typewriter ribbon.....	75
	<i>Allowed June 25, 1893.</i>	
June 9	Theo. L. Backus,	
	For 1 ribbon switch for calligraph	70
	postage	07
	F. A. Alexander,	
	For 1 typewriter brush.....	2 25
	Total for stationery	\$8,982 41
	RECAPITULATION.	
	General allowance.....	\$26,959 30
	Printing	15,244 74
	Binding	8,010 22
	Stationery	8,982 41
	Total allowance for State of Michigan	\$59,237 27

RECAPITULATION.

Departments, boards, etc.	General allowance.	Printing.	Binding.	Stationery.	Total.
Executive	\$277 63	\$94 85	\$0 12	\$66 21	\$438 81
Secretary of State	9,768 74	3,585 97	900 01	3,785 43	17,985 20
State Treasurer	813 19	184 91	43 86	87 86	1,129 82
Auditor General	1,477 82	5,080 35	650 07	5,834 01	12,982 25
State Land Office	5,891 05	270 05	71 40	824 13	6,257 53
Attorney General	1,914 69	700 42	84 63	117 56	2,817 30
Superintendent of Public Instruction	1,384 09	1,720 45	701 73	828 27	4,634 55
State Library	1,376 51	1,116 63	125 14	129 08	1,747 31
Commissioner of Insurance	724 70	2,450 10	319 05	149 12	3,643 97
Commissioner of Railroads	1,223 83	1,205 39	267 24	150 78	2,917 26
Supreme Court	602 56	410 16	100 95	315 84	1,430 51
State Banking Department	2,042 58	907 50	139 80	35 79	4,125 77
Bureau of Labor	1,313 73	4,086 80	780 98	183 79	6,866 79
Board of State Auditors	5,997 53	1,882 32	157 13	136 04	8,174 92
State Board of Agriculture	1,519 56	1,071 42	2,758 93	210 50	5,560 41
State Board of Education	2,068 53	86 23	5 32	56 22	2,156 40
Board of Corrections and Charities	218 26	307 36	122 96	31 41	680 11
State Board of Health	94 30	335 30	---	---	419 50
State Board of Inspectors	220 46	8 50	57 07	49 42	430 45
Board of Railroad Crossings	275 00	---	---	---	275 00
State Horticultural Society	---	1,223 47	747 00	---	1,970 47
State Board of Regents	724 57	---	---	---	724 57
State Public School	651 60	---	---	---	651 60
State Reform School	279 40	45 38	113 08	---	440 31
Michigan Soldiers' Home	1,666 18	17 77	---	---	1,683 95
Live Stock Sanitary Commission	2,506 19	---	---	---	2,506 19
Game and Fish Warden	100 00	15 69	---	---	115 69
State Prison	---	15 61	---	---	15 61
Quartermaster General	---	19 24	---	---	19 24
Northern Michigan Asylum	---	106 60	13 55	---	120 15
Eastern Michigan Asylum	---	208 09	18 90	---	226 99
Detroit House of Correction	981 76	---	---	---	981 76
Wayne County Insane Asylum	*12,579 25	---	---	---	12,579 25
Geological Survey	---	58 15	---	---	58 15
Board of Control of State Swamp Lands	110 75	---	---	---	110 75
B'd of Review of Telephones and Telegraphs	96 10	---	---	---	96 10
Electoral College	5 00	---	---	---	5 00
State Board of Pardons	78 90	7 15	1 45	---	87 50
State Board of Control	---	325 52	46 27	---	371 79
State Board of Canvassers	420 85	18 70	---	---	439 55
Board of Highway Commissioners	499 80	---	---	---	499 80
Engineer	47,882 58	2 20	09	---	47,884 87
State of Michigan	*36,969 80	15,244 74	8,010 32	8,862 41	69,227 27
Total	\$146,076 70	\$41,726 75	\$16,297 15	\$21,445 97	\$225,546 57

* By an error in arranging copy the account allowed the Wayne County Insane Asylum February 23, 1893, was included in State of Michigan account, making an increase in that account of \$4,681.57 and a decrease in the Asylum account of the same amount.

COMPARATIVE STATEMENTS.

Comparison of general allowance for six fiscal years.

Departments, boards, etc.	1888.	1889.	1890.	1891.	1892.	1893.
Executive.....	\$516 79	\$1,085 45	\$1,175 14	\$793 34	\$159 64	\$277 68
Secretary of State.....	4,455 87	6,346 93	5,125 44	7,811 63	4,909 81	9,763 74
State Treasurer.....	715 76	807 92	680 00	547 74	840 90	813 19
Auditor General.....	897 55	877 83	1,085 28	1,316 90	1,174 08	1,477 82
State Land Office.....	5,539 48	6,068 15	10,319 75	8,019 48	3,838 38	5,551 05
Attorney General.....	2,909 81	2,194 27	2,994 66	9,578 99	1,805 54	1,914 69
Supt. Public Instruction.....	1,801 07	1,133 69	1,035 09	920 80	998 88	1,254 08
State Library.....	1,537 91	1,530 52	1,539 25	2,228 77	2,190 80	1,376 51
Supreme Court.....	257 23	411 43	3,483 67	1,956 40	2,143 65	632 56
Commissioner of Insurance.....	541 54	586 08	691 10	756 15	511 90	724 70
Commissioner of Railroads.....	2,354 62	2,634 98	2,370 09	2,363 84	1,462 65	1,299 85
State Banking Department.....	716 37	716 37	2,054 09	2,273 51	2,630 83	2,042 58
Bureau of Labor.....	728 92	919 69	899 72	673 95	1,913 12	1,513 72
Board of State Auditors.....	2,081 33	1,556 80	1,934 70	3,556 66	4,467 24	5,967 53
State Board of Agriculture.....	1,179 00	1,002 28	1,158 26	968 56	2,004 55	1,519 56
State Board of Education.....	1,464 08	1,364 27	1,806 28	1,874 27	1,968 43	2,006 52
Board of Correction and Charities.....	100 23	145 12	72 26	260 13	90 01	218 36
State Board of Health.....	80 89	118 78	168 19	75 40	85 91	54 30
State Board of Pardon.....	101 26	13 00	23 88	26 80	.....	75 90
State Horticultural Society.....	.....	.....	.....	.....	.....	.....
State Board of Regents.....	631 85	419 02	1,170 74	661 66	788 62	724 57
State Public School.....	2,049 65	2,905 43	3,041 75	2,012 61	1,945 58	651 60
State Prison.....	906 15	983 29	491 80	741 89	181 98	.....
State Reform School.....	841 42	925 56	879 80	667 51	596 21	275 40
State House of Correction.....	702 56	650 80	714 02	584 60	194 30	.....
State House of Correction, U. P.....	2,898 55	2,700 00	1,071 70	1,385 19	231 90	.....
Industrial Home for Girls.....	1,415 55	1,249 54	914 43	779 91	635 72	.....
Michigan Soldiers' Home.....	263 55	604 30	1,263 93	1,658 41	1,994 19	1,666 13
School for the Blind.....	527 13	612 31	592 52	727 74	159 74	.....
Institution for Deaf and Dumb.....	349 50	355 32	302 50	167 60	59 40	.....
Michigan Mining School.....	2,211 55	2,107 60	250 00	600 00	700 60	.....
Inspector General.....	.....	.....	.....	.....	.....	.....
Adjutant General.....	.....	.....	.....	.....	1,331 65	.....
Live Stock Sanitary Commission.....	2,577 22	2,004 54	2,559 62	2,865 45	2,440 42	2,505 19
Com'r of Mineral Statistics.....	.....	.....	.....	.....	.....	.....
Game and Fish Warden.....	2,518 94	2,836 00	3,231 45	2,874 87	.....	100 00
Forestry Commission.....	228 43	559 75	79 75	21 10	.....	.....
State Fish Commission.....	.....	.....	.....	.....	.....	.....
Asylum for Insane Criminals.....	.....	.....	.....	.....	.....	.....
State Insp'r of Illuminating Oils.....	.....	.....	.....	.....	.....	.....
State Salt Inspector.....	.....	.....	.....	.....	.....	.....
State of Michigan.....	86,700 50	100,070 16	91,564 48	78,702 05	23,496 87	36,989 30
Board of R. R. Crossings.....	.....	.....	.....	343 40	300 00	275 00
Quartermaster General.....	.....	.....	.....	.....	.....	.....
Michigan Asylum.....	.....	.....	.....	.....	.....	.....
Eastern Asylum.....	.....	.....	.....	.....	.....	.....
Northern Asylum.....	.....	.....	.....	.....	.....	.....
State Board of Inspectors.....	.....	.....	.....	.....	266 35	320 46
Detroit House of Correction.....	.....	.....	.....	.....	1,228 22	951 76
Wayne County Insane Asylum.....	.....	.....	.....	.....	10,165 88	12,579 25
State Board of Equalization.....	.....	.....	.....	.....	896 50	.....
State Board of Review.....	.....	.....	.....	.....	71 15	.....
Engineer.....	.....	.....	.....	.....	42,106 21	47,532 53
Geological Survey.....	.....	.....	.....	.....	.....	.....
B'd Control State Swamp Lands.....	.....	.....	.....	.....	.....	110 75
B'd Rev. Telephones & Telegraphs.....	.....	.....	.....	.....	.....	96 10
Electoral College.....	.....	.....	.....	.....	.....	5 00
State Board of Control.....	.....	.....	.....	.....	.....	.....
State Board of Canvassers.....	.....	.....	.....	.....	.....	420 65
Board of Highway Commissioners.....	.....	.....	.....	.....	.....	499 90
Total.....	\$131,285 21	\$149,176 65	\$146,714 49	\$140,150 65	\$122,407 23	\$146,076 70

Comparison of cost of printing for six fiscal years.

Departments, boards, etc.	1888.	1889.	1890.	1891.	1892.	1893.
Executive.....	\$30 19	\$96 65	\$49 26	\$114 37	\$44 22	\$94 85
Secretary of State.....	6,084 43	6,266 01	4,795 06	5,328 86	5,230 32	3,535 97
State Treasurer.....	284 49	237 23	273 24	90 30	169 85	184 91
Auditor General.....	5,727 25	5,163 21	5,425 90	4,373 24	5,520 74	5,080 35
State Land Office.....	509 37	183 90	223 75	124 71	140 06	270 95
Attorney General.....	312 73	593 11	184 54	967 09	594 99	700 42
Supt. Public Instruction.....	2,321 17	2,740 80	2,513 54	1,240 92	1,761 57	1,720 46
State Library.....	26 30	108 37	29 55	330 63	29 14	116 68
Supreme Court.....	252 89	206 25	326 36	335 97	463 43	410 16
Commissioner of Insurance.....	3,151 94	2,813 85	2,437 15	2,146 68	2,364 16	2,450 10
Commissioner of Railroads.....	2,406 80	1,263 77	2,245 29	906 33	1,403 43	1,205 39
State Banking Department.....	87 15	546 27	519 67	519 67	927 75	907 50
Bureau of Labor.....	1,615 66	1,020 75	2,272 72	1,733 95	2,177 13	4,088 30
Board of State Auditors.....	541 93	9 75	1,076 46	1,139 05	1,757 99	1,832 22
State Board of Agriculture.....	1,543 55	1,950 12	3,191 10	2,438 21	1,905 66	1,071 42
State Board of Education.....	\$ 30	120 16	83 29	83 29	86 23	86 23
Board of Correct'ns and Charities.....	323 62	11 10	323 43	34 20	307 33	307 33
State Board of Health.....	470 70	1,623 57	654 60	234 35	693 35	335 20
State Board of Pardons.....	10 99	2 25	11 43	45	7 15	7 15
State Horticultural Society.....	1,069 55	436 96	600 22	732 81	1,029 06	1,223 47
State Board of Regents.....	167 23	194 86	194 86	194 86	15 61	43 38
State Public School.....	142 67	72 87	134 49	72 87	15 61	43 38
State Prison.....	77 02	433 31	299 24	299 24	15 61	43 38
State Reform School.....	433 31	12 98	74 72	71 30	1 20	17 77
State House of Correction, U. P. Industrial Home for Girls.....	74 72	257 59	70 17	70 17	17 77	17 77
Michigan Soldiers' Home.....	109 78	90 02	74 51	74 51	94 42	94 42
School for the Blind.....	90 02	94 42	94 42	94 42	94 42	94 42
Institution for Deaf and Dumb.....	94 42	94 42	94 42	94 42	94 42	94 42
Michigan Mining School.....	94 42	94 42	94 42	94 42	94 42	94 42
Inspector General.....	72 66	38 08	23 43	55 33	22 95	22 95
Adjutant General.....	38 08	23 43	23 43	36 65	4 00	4 00
Live Stock Sanitary Commission.....	24 65	23 43	23 43	36 65	4 00	4 00
Com'r of Mineral Statistics.....	528 14	59 98	11 03	11 03	47 12	15 69
Game and Fish Warden.....	59 98	11 03	11 03	11 03	47 12	15 69
Forestry Commission.....	76 45	237 54	173 30	735 86	23 95	23 95
State Fish Commission.....	237 54	173 30	173 30	735 86	23 95	23 95
Asylum for Insane Criminals.....	25 06	21 37	17 93	16 47	29 06	29 06
State Insp'r of Illuminating Oils.....	21 37	17 93	17 93	16 47	29 06	29 06
State Salt Inspector.....	5,638 04	15,609 17	9,369 39	13,819 79	4,064 22	15,344 74
State of Michigan.....	15,609 17	9,369 39	9,369 39	13,819 79	4,064 22	15,344 74
Board of B. R. Crossings.....	35 61	35 61	53 23	53 23	39 24	39 24
Quartermaster General.....	35 61	35 61	53 23	53 23	39 24	39 24
Michigan Asylum.....	305 16	305 16	224 64	224 64	208 09	208 09
Eastern Asylum.....	305 16	305 16	224 64	224 64	208 09	208 09
Northern Asylum.....	305 16	305 16	224 64	224 64	208 09	208 09
State Board of Inspectors.....	15 65	15 65	15 65	15 65	3 50	3 50
Detroit House of Correction.....	15 65	15 65	15 65	15 65	3 50	3 50
Wayne County Insane Asylum.....	15 65	15 65	15 65	15 65	3 50	3 50
State Board of Equalization.....	15 65	15 65	15 65	15 65	3 50	3 50
State Board of Review.....	15 65	15 65	15 65	15 65	3 50	3 50
Engineer.....	5 60	5 60	5 60	5 60	2 20	2 20
Geological Survey.....	5 60	5 60	5 60	5 60	2 20	2 20
Board of Control of State Swamp Lands.....	5 60	5 60	5 60	5 60	2 20	2 20
Board of Review of Telephones and Telegraphs.....	5 60	5 60	5 60	5 60	2 20	2 20
Electoral College.....	5 60	5 60	5 60	5 60	2 20	2 20
State Board of Control.....	5 60	5 60	5 60	5 60	2 20	2 20
State Board of Canvassers.....	5 60	5 60	5 60	5 60	2 20	2 20
Board of Highway Commissioners.....	5 60	5 60	5 60	5 60	2 20	2 20
Total.....	\$33,674 40	\$43,209 73	\$35,463 13	\$39,902 46	\$30,794 01	\$41,726 75

Comparison of cost of binding for six fiscal years.

Departments, boards, etc.	1888.	1889.	1890.	1891.	1892.	1893.
Executive	\$32 95	\$32 40	\$3 01	\$39 16	\$7 25	\$0 12
Secretary of State	2,147 85	2,507 10	1,635 21	4,345 76	1,632 24	900 01
State Treasurer	90 07	74 07	79 41	94 80	37 33	42 86
Auditor General	1,254 55	1,268 78	1,428 67	946 52	925 49	650 07
State Land office	352 44	522 00	105 06	148 12	113 93	71 40
Attorney General	21 53	40 52	12 40	73 02	90 60	84 68
Supt. of Public Instruction	760 50	453 59	\$33 57	496 26	634 96	701 73
State Library	87 81	246 45	216 65	442 22	246 46	125 14
Supreme court	349 47	123 90	300 98	457 25	273 62	160 96
Commissioner of Insurance	436 68	336 06	469 98	239 31	289 54	219 06
Commissioner of Railroads	244 18	267 78	400 18	172 65	191 78	267 24
State Banking Department			71 80	112 68	120 78	129 90
Bureau of Labor	471 79	300 86	303 25	278 00	527 69	750 96
Board of State Auditors	46 89	17 80	24 10	75 25	230 62	157 12
State Board of Agriculture	1,395 25	1,961 28	967 64	2,470 50	340 08	2,785 93
State Board of Education		3 60		1 80		5 32
Board of Correction and Charities		80 80	8 25	144 12		122 96
State Board of Health	780 00	1,614 00		132 40	702 00	
State Board of Pardons	1 80		90			1 45
State Horticultural Society	1,330 00		1,560 00	1,136 25	1,124 84	747 00
State Board of Regents						
State Public School		3 60		39 48		
State Prison		8 55		90 49		
State Reform School		4 80		3 60		112 03
State House of Correction		54 00		20 24		
State House of Correction, U. P.		2 70				
Industrial Home for Girls		2 70		10 25		
Michigan Soldiers' Home		26 10		43 60		
School for the Blind		6 60		9 15		
Institution for Deaf and Dumb		14 40		28 94		
Michigan Mining School						
Inspector General						
Adjutant General		14 40	5 80	12 10	60 00	
Live Stock Sanitary Commission		4 20	6 00	3 60		
Com'r of Mineral Statistics						
Game and Fish Warden	225 00	2 70		2 70	81 25	
Forestry Commission	14 70	96 00				
State Fish Commission		9 58	1 65	62 08		
Asylum for Insane Criminals						
State Inspect. of Illuminating Oils		2 70	1 06	2 70	2 48	
State Salt Inspector						
State of Michigan	5,794 68	7,980 93	6,167 03	6,771 73	8,641 34	8,010 32
Board of Railroad Crossings					8 20	
Quartermaster General		23 25		22 40	9 36	
Michigan Asylum		3 00		64 25		
Eastern Asylum		19 20		12 54		18 90
Northern Asylum		6 00		8 10		13 55
State Board of Inspectors						57 07
Detroit House of Correction						
Wayne County Insane Asylum						
State Board of Equalisation					5 20	
State Board of Review						
Engineer					90	06
Geological Survey						
B'd Control State Swamp Lands						
Board Rev. Tel'nes and Tele'phs						
Electoral College						
State Board of Control						46 27
State Board of Canvassers						
Board of Highway Commissioners						
Total	\$16,767 14	\$19,172 95	\$14,617 79	\$19,500 85	\$16,511 89	\$16,297 15

Comparison of cost of stationery for six fiscal years.

Departments, boards, etc.	1888.	1889.	1890.	1891.	1892.	1893.
Executive.....	\$198 59	\$248 39	\$276 01	\$168 31	\$51 59	\$86 21
Secretary of State.....	3,136 64	4,129 44	2,014 82	3,027 17	2,001 68	3,765 48
State Treasurer.....	98 05	122 26	153 60	86 68	42 16	87 86
Auditor General.....	4,696 97	4,037 92	4,815 28	2,628 97	4,223 57	5,834 01
State Land Office.....	645 53	393 14	276 98	196 37	96 86	324 13
Attorney General.....	113 00	184 40	108 06	76 44	109 43	117 56
Supt. of Public Instruction.....	708 68	420 47	611 90	239 64	358 51	828 27
State Library.....	63 23	147 19	191 57	296 21	317 37	129 03
Supreme Court.....	280 06	126 03	681 78	240 94	531 24	\$15 84
Commissioner of Insurance.....	123 25	240 88	224 65	101 75	201 88	149 12
Commissioner of Railroads.....	156 53	208 95	333 64	126 79	119 88	150 78
State Banking Department.....		90 93	65 40	111 37	147 43	35 79
Bureau of Labor.....	85 08	55 25	78 37	123 25	105 91	183 79
Board of State Auditors.....	128 81	127 25	116 77	96 23	83 56	139 04
State Board of Agriculture.....			213 75		223 08	210 50
State Board of Education.....						56 82
Board of Correct'n and Charities.....	6 90			15 96		31 41
State Board of Health.....						
State Board of Pardons.....	3 41		5 28			
State Horticultural Society.....						
State Board of Regents.....						
State Public School.....						
State Prison.....						
State Reform School.....						
State House of Correction.....						
State House of Correction, U. P. Industrial Home for Girls.....						
Michigan Soldiers' Home.....						
School for the Blind.....						
Institution for Deaf and Dumb.....						
Michigan Mining School.....						
Inspector General.....						
Adjutant General.....					35 85	
Live Stock Sanitary Commission.....						
Com'r of Mineral Statistics.....						
Game and Fish Warden.....						
Forestry Commission.....						
State Fish Commission.....						
Asylum for Insane Criminals.....						
State Insp'r of Illuminating Oils.....						
State Salt Inspector.....						
State of Michigan.....	18,188 10	18,319 70	15,484 04	16,310 66	11,262 49	8,982 41
Board of Railroad Crossings.....						
Quartermaster General.....						
Michigan Asylum.....						
Eastern Asylum.....						
Northern Asylum.....						
State Board of Inspectors.....						49 42
Detroit House of Correction.....						
Wayne County Insane Asylum.....						
State Board of Equalization.....						
State Board of Review.....						
Engineer.....						
Geological Survey.....						
Board of Control of State Swamp Lands.....						
Board of Review of Telephones and Telegraphs.....						
Electoral College.....						
State Board of Control.....						
State Board of Canvassers.....						
Board of Highway Commissioners.....						
Total.....	\$28,551 17	\$28,852 15	\$25,649 75	\$23,749 69	\$19,872 19	\$21,445 97

Comparison of totals for six fiscal years.

Departments, boards, etc.	1888.	1889.	1890.	1891.	1892.	1893.
Executive	\$778 53	\$1,412 89	\$1,508 42	\$1,145 18	\$262 70	\$436 81
Secretary of State	16,826 94	20,349 48	18,586 58	20,514 41	12,773 55	17,965 20
State Treasurer	1,188 27	1,341 47	1,186 25	819 37	640 24	1,129 82
Auditor General	12,078 25	11,341 73	12,743 13	9,265 23	11,853 83	12,932 25
State Land Office	7,086 82	7,127 19	11,481 54	8,486 66	4,176 20	6,257 53
Attorney General	2,756 56	3,012 80	3,296 66	10,596 55	2,609 56	2,817 25
Superintendent of Public Inst.	5,536 42	4,768 55	5,039 40	2,917 63	3,797 89	4,684 55
State Library	1,704 14	2,022 53	1,971 02	3,237 83	2,773 27	1,747 81
Supreme Court	1,109 75	897 71	4,797 69	2,990 56	3,416 95	1,489 51
Commissioner of Insurance	4,252 41	2,968 82	3,323 83	3,243 69	3,467 48	3,642 97
Commissioner of Railroads	5,161 93	4,404 48	5,249 20	3,474 66	3,177 75	2,917 26
State Banking Department	864 45	7,237 56	2,917 18	2,876 68	4,125 77	4,125 77
Bureau of Labor	2,896 40	2,296 55	2,553 96	2,814 16	4,783 90	6,899 79
Board of State Auditors	2,748 95	1,750 60	3,142 03	4,267 29	6,489 40	8,174 92
State Board of Agriculture	4,016 90	4,913 78	5,530 75	5,923 27	4,473 27	5,360 41
State Board of Education	1,497 23	1,518 08	1,606 26	1,759 86	1,906 48	2,156 40
Board of Correction and Charities ..	107 13	559 04	98 20	748 70	124 21	680 11
State Board of Health	1,381 69	3,256 62	819 79	943 65	1,481 76	419 50
State Board of Pardons	117 45	14 25	41 49	27 05	---	87 59
State Horticultural Society	2,389 58	436 96	2,166 26	1,919 06	2,158 90	1,970 47
State Board of Regents	621 85	419 02	1,170 74	661 63	733 62	724 57
State Public School	2,049 65	3,186 26	3,041 75	2,246 95	1,945 56	651 60
State Prison	906 15	1,084 51	491 30	966 78	151 84	15 61
State Reform School	841 42	1,007 23	879 50	1,043 98	566 81	440 81
State House of Correction	702 56	1,151 61	784 02	1,154 08	194 80	---
State House of Correction, U. P.	2,392 95	2,715 68	1,071 70	1,265 19	221 90	---
Industrial Home for Girls	1,415 55	1,336 96	914 43	961 56	629 92	---
Michigan Soldiers' Home	263 55	828 49	1,263 93	1,807 18	1,964 19	1,682 96
School for the Blind	527 13	728 69	562 83	811 40	159 74	---
Institution for Deaf and Dumb	349 50	360 24	202 50	300 96	59 40	---
Michigan Mining School	2,311 55	2,107 60	250 00	600 00	700 00	---
Inspector General	---	---	---	---	---	---
Adjutant General	---	87 08	5 80	68 48	1,450 28	---
Live Stock Sanitary Commission ..	2,611 97	2,646 77	2,628 06	2,905 73	2,444 42	2,506 19
Com'r of Mineral Statistics	---	---	---	---	---	---
Game and Fish Warden	2,567 08	3,000 68	3,231 45	2,896 60	128 27	115 69
Forestry Commission	329 68	635 75	79 75	21 10	---	---
State Fish Commission	---	247 12	174 45	797 94	---	---
Asylum for Insane Criminals	---	---	---	---	---	---
State Insp't'r of Illuminating Oils ..	25 06	24 07	18 96	19 71	81 54	---
State Salt Inspector	---	---	---	---	---	---
State of Michigan	116,396 23	141,979 96	123,864 94	115,604 24	47,454 93	69,227 27
Board of Railroad Crossings	---	---	---	843 40	308 20	275 00
Quartermaster General	---	68 86	---	74 78	9 36	39 24
Michigan Asylum	---	357 08	---	189 40	---	---
Eastern Asylum	---	224 86	---	287 18	---	226 99
Northern Asylum	---	6 00	---	138 99	---	130 15
State Board of Inspectors	---	---	---	---	285 00	430 45
Detroit House of Correction	---	---	---	---	1,288 22	951 78
Wayne County Insane Asylum	---	---	---	---	10,166 38	12,379 25
State Board of Equalization	---	---	---	---	1,260 25	---
State Board of Review	---	---	---	---	71 15	---
Engineer	---	---	---	---	42,114 71	47,694 77
Geological Survey	---	---	---	---	---	58 15
Board of Control of State Swamp Lands ..	---	---	---	---	---	110 73
Board of Review of Telephones and Telegraphs	---	---	---	---	---	96 10
Electoral College	---	---	---	---	---	5 00
State Board of Control	---	---	---	---	---	371 79
State Board of Canvassers	---	---	---	---	---	489 55
Board of Highway Commissioners	---	---	---	---	---	499 90
Total	\$310,227 92	\$240,411 48	\$322,445 16	\$323,268 65	\$189,585 23	\$225,546 57

BOARD OF STATE AUDITORS.

Cost for fiscal year ending June 30, 18

Office.	Postage and rent of box.	Exp an freig
Executive Department.....	\$44 00	\$
Secretary of State.....	2,088 00	4
State Treasurer.....	122 00	1
Auditor General.....	8 00	1
State Land Office.....	153 00	
Attorney General.....	196 00	
Superintendent of Public Instruction.....	424 00	2
State Library.....	148 00	3
Commissioner of Insurance.....	328 00	1
Commissioner of Railroads.....	79 00	2
Supreme Court.....	71 84	
State Banking Department.....	288 00	
Bureau of Labor.....	634 00	2
Board of State Auditors.....	196 00	
Board of Agriculture.....		
Correction and Charities.....		
State Board of Pardons.....		
State Board of Inspectors.....	10 00	
Engineer.....		
Total.....	\$4,750 84	\$2,1

Cost for fiscal year ending June 30, 18

Office.	Postage and rent of box.	Exp a fre
Executive Department.....	\$114 00	
Secretary of State.....	3,258 00	
State Treasurer.....	127 00	
Auditor General.....	8 00	
State Land Office.....	228 00	
Attorney General.....	183 70	
Superintendent of Public Instruction.....	529 00	
State Library.....	108 00	
Commissioner of Insurance.....	373 00	
Commissioner of Railroads.....	29 35	
Supreme Court.....	121 05	
State Banking Department.....	313 00	
Bureau of Labor.....	298 45	
Board of State Auditors.....	848 00	
Board of Agriculture.....	6 98	
Corrections and Charities.....		
State Board of Pardons.....	5 00	
State Board of Inspectors.....		
Engineer.....		
State Board of Regents.....		
State Public School.....		
State Reform School.....		
Michigan Soldiers' Home.....	6 00	
Live Stock Sanitary Commission.....	12 13	
State Board of Canvassers.....	38 61	
Board of Highway Commissioners.....	98 62	
State of Michigan.....		
Total.....	\$6,200 89	\$2

INDEX TO ACCOUNTS.

Departments, boards, etc.	Allowances.				
	General.	Printing.	Binding.	Stationery.	Total.
	Page.	Page.	Page.	Page.	Page.
Executive Department.....	24	25	26	26	27
Secretary of State.....	28	28	29	41	45
State Treasurer.....	46	48	49	50	51
Auditor General.....	52	54	60	66	69
State Land Office.....	70	83	84	85	86
Attorney General.....	87	94	95	96	97
Superintendent of Public Instruction.....	98	101	107	108	110
State Library.....	111	113	114	116	117
Commissioner of Insurance.....	118	120	124	124	125
Commissioner of Railroads.....	126	136	137	138	139
Supreme Court.....	140	143	144	145	147
State Banking Department.....	148	159	160	160	161
Bureau of Labor.....	162	166	168	168	169
Board of State Auditors.....	170	173	174	175	178
State Board of Agriculture.....	179	187	189	190	190
State Board of Education.....	191	201	201	202	202
Board of Corrections and charities.....	208	205	205	205	208
State Board of Health.....	207	207			208
State Board of Inspectors.....	209	210	210	210	211
Board of Railroad Crossings.....	212				212
State Horticultural Society.....		213	213		213
State Board of Regents.....	214				215
State Public School.....	219				223
State Reform School.....	224	226	227		227
Michigan Soldiers' Home.....	228	236			236
Live Stock Sanitary Commission.....	237				247
Game and Fish Warden.....	248	248			248
State Prison.....		249			249
Quartermaster General.....		250			250
Northern Michigan Asylum.....		251	251		251
Eastern Michigan Asylum.....		252	252		252
Detroit House of Correction.....	253				254
Wayne County Insane Asylum.....	255				268
Geological Survey.....		267			267
Board of Control of State Swamp Lands.....	268				268
Board of Review of Telephones and Telegraphs.....	269				269
Electoral College.....	270				270
State Board of Pardons.....	271	272	272		272
State Board of Control.....		273	273		273
State Board of Canvassers.....	274	275			275
Board of Highway Commissioners.....	276				277
Engineer.....	278	306	305		306
State of Michigan.....	307	472	483	491	496

APPENDIX A.

COMPILATION OF LAWS REFERRING TO THE BOARD OF STATE AUDITORS.

CONSTITUTION OF THE STATE OF MICHIGAN.

1850.

ARTICLE 8, SECTION 4.—The Secretary of State, State Treasurer and Commissioner of the State Land Office, shall constitute a Board of State Auditors, to examine and adjust all claims against the State, not otherwise provided for by general law. They shall constitute a Board of State Canvassers, to determine the result of all elections for Governor, Lieutenant Governor and State officers, and of such other officers as shall by law be referred to them.

Howell's Statutes. 307. SEC. 44. Am. 1848, p. 9, Jan. 26, 1851, p. 173, April 7, Act 142. The Secretary of State, State Treasurer and the Commissioner of the State Land Office shall constitute a Board of State Auditors, and as such they shall have power, and it shall be their duty annually, and at any other time in their discretion, to enter into a full settlement and final adjustment with every officer and agent of the State, of all debits, credits, claims and demands of whatever description, between such officer or agent and this State, and it shall also be their duty to examine, adjust and settle all other claims and demands against this State which may be presented by any other person or persons, the settlement of which is not otherwise already provided by law; but such Board shall not allow and audit any claims against the State unless the same shall be established by competent testimony; and said Board shall keep a record of its proceedings, which shall contain each claim presented and its items, an abstract of the evidence taken, the amount adjusted and settled in favor of the person or persons presenting the claims, or in favor of the State; and any member of said Board shall have power to administer oaths to any person or persons presenting claims, or to witnesses; to examine the person or persons under oath, to issue subpoenas to any part of the State against witnesses; and if any witness or witnesses fail to appear in pursuance thereof, and the fees provided herein shall have been paid or tendered, to issue attachments to compel their attendance; to set off any legal or equitable claim against such person or persons in favor of the State, upon proof of the same, and to adjourn from time to time: *Provided, however,* That every witness shall be entitled to one dollar a day while in attendance before the Board, and six cents a mile in coming to the place of attendance, to be paid by the party who procures said witnesses: *And provided further,* That in all settlements with the State Treasurer, the Auditor General shall be a member of said Board for that purpose, to the exclusion of the Treasurer.

308. SEC. 45. The annual settlement of the accounts of the several receiving or disbursing officers or agents of the State, before the Board of State Auditors, shall be

ART. 8, SEC. 4.—The Constitution has vested the Board of State Auditors with only the two functions of determining claims against the State and of canvassing the votes for certain officers. Their determinations in these matters are final: *Ayers v. State Auditors*, 42 Mich., 422; *Dewey v. Board, etc.*, 32 Mich., 191; *Ambler v. Auditor General*, 38 Mich., 746. Their discretion cannot be reviewed. *Auditor General v. Pullman Palace Car Co.*, 34 Mich., 59. Nor their decisions inquired into in any case where the constitution or statutes have referred the result of elections to their determination: *People v. Cleotte*, 16 Mich., 283; 301. *Royce v. Goodwin*, 22 Mich., 496.

With respect to those matters the Board is a separate, independent tribunal, exercising original and exclusive jurisdiction; and their action in relation thereto is final and not subject to any supervision or interference by the courts: *Royce v. Goodwin*, 22 Mich., 496; *Dewey v. Board*, 32 Mich., 191; *Ayers v. State Auditors*, 42 Mich., 422. But the performance of other duties, not of a discretionary nature, required of, or imposed upon the Board by the mandatory acts of the legislature, may, in general, be enforced and supervised by the courts: *Ayers v. State Auditors*, 42 Mich., 423. All claims against the State, for which no other provision is made by general law, must be examined and adjusted by the board: *Ambler v. Auditor General*, 38 Mich., 746.

References in bold face are to Howell's Annotated Statutes.

had as soon after the first day of December, in each year, as the accounts of said officers on the books of the Auditor General can be closed for the preceding fiscal year, of which time the Auditor General shall give notice to the Treasurer, who shall thereupon require said several officers and agents to appear before said board at his office, on some day to be designated by him, of which time he shall also notify the other members of the board.

309. SEC. 46. Am. 1851, p. 173, April 7, Act 142. As soon as practicable after the expiration of the official term or resignation of any such receiving or disbursing officer or agent, the Secretary of State shall give notice to the Board of State Auditors, and to such officer or agent, to meet at the office of the State Treasurer, for the purpose of making a full and final settlement of the accounts of such officer or agent; and the said board shall proceed thereon in the same manner as is provided in relation to the annual settlement of said account.

310. SEC. 47. Am. Ib. If upon the allowance of any claim or upon a balance being struck on any settlement made in pursuance of this chapter, it shall appear that the State is indebted to the party with whom such settlement is made, or to whom such claim shall be allowed, he shall be entitled to a warrant, drawn by the Auditor General upon the State Treasurer therefor forthwith; but if it shall appear that such party is indebted to the State, said board shall demand immediate payment of the amount due; and if for any cause such payment is not immediately made, the fact shall be entered upon the books of the treasury, and the Treasurer shall give notice thereof to the Auditor General, and the Auditor General shall not thereafter draw any warrant in favor of such person upon the Treasurer until such payment be made; and the Attorney General shall proceed forthwith to collect the same if, in the opinion of the board, the interest of the State require it.

ANNUAL REPORTS.

See Act 122, Public Acts of 1889.

26n. SEC. 14. That the accounts for boxes furnished to the Secretary of State for package and distribution shall be audited and allowed by the Board of State Auditors and paid out of the State treasury, and the expense of transportation from the office of the Secretary of State to the county clerks, and of distribution by the county clerks, to the persons entitled to the same, shall be audited and allowed by the boards of supervisors and paid out of the county treasuries.

311. SEC. 48. The Board of State Auditors shall submit to the Legislature annually, at the commencement of its sessions in January, a report of their doings during the year next preceding.

354. SEC. 2. It shall be the duty of the several officers and boards of officers of this State, and also of the several public institutions thereof, from whom annual reports are now or may hereafter be required, to make their respective annual reports to the Governor, and for the period covered by the fiscal year for the treasury, as established by section one of this act, and to cause their respective reports to be placed in the hands of the printer of the laws of this State, for publication, as soon as practicable after the close of the fiscal year.

354a. 1887, p. 132, May 21, Act 116. SECTION. 1. *The People of the State of Michigan enact*, That the present fiscal year of the State shall close June thirtieth, eighteen hundred and eighty-seven, and that thereafter the fiscal year shall commence July first, and close June thirtieth.

354b. SEC. 2. It shall be the duty of all officers, boards or institutions, from whom annual or biennial reports are required, to make their several reports for the fiscal period, or periods, defined in section one of this act.

Howell's statutes, Vol. III, Sec. 261. SEC. 12. *Provided further*, That the Board of State Auditors may, in their discretion, order an additional number of copies of any of said reports published, not exceeding three hundred copies, which shall be placed at the disposal of the officer making the reports.

MONTHLY BOARD MEETING.

312. 1869, p. 227, April 3, Act 130. SECTION. 1. *The People of the State of Michigan enact*, That it shall be the duty of the Board of State Auditors, to meet at nine o'clock a. m., on the last Wednesday of each month, at the office of the Secretary of State, and to continue in session until the business placed before said board is disposed of.

313. 1849, p. 9, Jan. 26, Act 12. SEC. 2. It shall be the duty of the Attorney General to appear in behalf of the State, before the Board of State Auditors, when they shall sit to audit claims against the State, and to that end, said board shall give said Attorney General timely notice of the time and place of their meeting to audit such claims.

of *Representatives of the State of Michigan*, That the Board of State Auditors, upon the presentation of any claim or matter, which has been, or which hereafter may be referred by the legislature to them for adjustment, shall fix a time for the hearing thereof, reasonable notice of which shall be given by them to the Attorney General; and they may, in their discretion adjourn the hearing of any such matter from time to time.

315. SEC. 2. Any member of said board may issue subpoena for witnesses, whose attendance the board may compel by attachment, and who may be sworn by any member of the board.

316. 1848, p. 457, Mar. 27, No. 36. *Resolved, by the Senate and House of Representatives of the State of Michigan*, That in the investigation of claims heretofore referred, or hereafter to be referred to the Board of State Auditors, all proper and reasonable costs incurred on the part of the State for fees to witnesses in procuring their attendance before the board, or in taking their depositions, shall be audited and allowed by said board, who shall certify to the Auditor General the amount allowed, if any, in the examination of each claim, specifying in said certificate the persons to whom such allowances are made, and the sum allowed to each person, for which the Auditor General shall draw his warrant upon the treasury.

317. 1855, p. 270, Feb. 12, Act 119. SECTION 1. *The People of the State of Michigan enact*, That there be appropriated from the general fund such sums as may be necessary to pay warrants that may be drawn upon claims allowed by the Board of State Auditors.

REPORT OF BOARD OF STATE AUDITORS.

318. 1869, p. 406, Mar. 26, No. 24. *Resolved, by the Senate and House of Representatives of the State of Michigan*, That the Board of State Auditors, in hereafter making up their reports of claims examined and adjusted by them, shall so make up their report as to show separately:

First, The amount allowed to each of the State offices or officers, State Boards and judiciary, for stationery, and other general allowances;

Second, The amount allowed for all printing for the Senate, the House of Representatives, for each of the State offices or officers, the State boards and judiciary, and all other printing not included above;

Third, The amount allowed for binding;

Fourth, And general, they shall so arrange their report as to show in the best possible manner the expense of each department of the government, whose claims they allow;

Fifth, Such allowances, so separately reported, shall be separately footed and carried forward and the aggregate of each class or department given.

SETTLEMENTS.

370. SEC. 6. The term "officer" as used in this act, shall be construed to include all commissioners, boards of commissioners, trustees, boards of trustees, inspectors, boards of inspectors, regents, boards of regents, agents, or other person or board of whatever denomination or character, receiving or disbursing money for the State, for or on account of any building or work for the State or for the maintenance, or for the use or benefit of any State educational, charitable, reformatory or penal, or other institution or organization, or for or on account of any purpose whatsoever, under any act of appropriation or other law of this State.

AN ACT to require an annual settlement with the State of certain State officers and agents and for other purposes.

SECTION 1. *Be it enacted by the Senate and House of Representatives of the State of Michigan*, That it shall be the duty of every State officer and agent, who is now, or may hereafter be authorized by law to receive, keep or disburse any moneys belonging to the State, on or before the 30th day of November of each year succeeding, to enter into a full settlement and final adjustment with the Board of Auditors, in this act hereinafter created, and vested with full power for that purpose, of all and singular debits, credits, claims and demands of whatever name or character.

SEC. 2. The Secretary of State, State Treasurer and Attorney General are hereby created a Board of State Auditors, and are hereby vested with all necessary power and authority, to carry into effect the provisions of the preceding section: *Provided*, In all settlements with the State Treasurer, the Auditor General shall be a member of said board for that purpose, to the exclusion of the said Treasurer.

SEC. 3. It shall be the duty of said board to meet annually hereafter, at the office of the State Treasurer

SEC. 7. Repealed 1881, p. 247, Act 206.

371. SEC. 8. The duplicate of the vouchers for expenditures and one of the receipts made shall be retained by the officer making expenditures or receiving the money covered thereby; and on or before the last day of the fiscal year of the State treasury, and at such other times as the Governor shall direct, such officer shall appear before the Board of State Auditors with the vouchers and receipts properly abstracted and arranged, and accompanied by an account current setting forth the amount on hand at the commencement of such fiscal year; also the amount received or disbursed during the period covered thereby, and the amount on hand at the close thereof. Upon the presentation of such vouchers, receipts, abstracts and accounts current, the Board of State Auditors shall, after an examination thereof, make a settlement with each officer designated by this act, and a full statement of such settlement shall be incorporated with and published as a part of the annual report made by such officers; and an abstract of such settlement shall be published as a part of the proceedings of the Board of State Auditors. Such settlement shall be endorsed upon the abstract by the chairman of the board, and said abstract so indorsed shall, together with all papers presented by such officer, be returned to him for safe keeping and remain on file in his office.

372. SEC. 9. All acts and parts of acts, so far as they contravene the provisions of this act, are hereby superseded.

CONSTITUTION OF MICHIGAN.

ART. IV. SEC. 21. The Legislature shall not grant nor authorize extra compensation to any public officer, agent or contractor, after the service has been rendered or the contract entered into.

ART. IV. SEC. 31. The Legislature shall not audit nor allow any private claim or account.

ART. XIV. SEC. 5. No money shall be paid out of the treasury, except in pursuance of appropriations made by law.

on the first Tuesday preceding the last Monday in November, public notice of which meeting shall be given at least three successive weeks in the State paper, by the State Treasurer; and when so convened said board shall proceed to examine into, and settle all such matters then existing between the State and party as are designated by the first section of this act, and if upon balance being struck, it shall appear that the State is indebted to said party, he shall be entitled to a warrant upon the Treasurer therefor forthwith; but if it appear that said party is in arrear, or indebted to the State, said board shall demand immediate payment of such amount, and if for any cause, such party shall refuse or neglect to make such payment immediately, upon such demand, such fact shall be entered upon the books of the treasury, and a notice of which shall be served by the Treasurer upon the Auditor General, and such person shall not thereafter be entitled to receive, and the Auditor General is hereby forbid drawing any warrant upon the Treasurer in his favor, until such payment be made.

SEC. 4. The Board of State Auditors created by this act shall further have power, and it shall be their duty, soon as may be after the passage of this act, to enter into a full settlement and final adjustment of all claims, accounts and demands of whatever name or character now existing and remaining unsettled and adjusted, between this State and the former State officers and agents thereof; and it shall be the duty of the State Treasurer to give written notice to all such persons whose accounts appear as unsettled upon his books, or the books of the Auditor General, to appear on a certain day mentioned in said notice, and settle or adjust the same; and if upon such day such party shall not appear, it shall be the duty of said board to hand over to the Attorney General all demands in the hands of the State against such party, for immediate collection.

SEC. 5. The said board shall make report annually to the Legislature, of all their proceedings under this act.

Approved February 4, 1842.

BOARD OF AUDITORS, }
Detroit, May 26, 1842. }

Resolved, That the Auditor General be requested, at his earliest convenience, to communicate to the Board of Auditors a statement of all persons appearing on his books as having unsettled balances due from them to the State with the several amounts due from each individual.

R. P. ELDERIDGE, Sec'y of State.
JOHN J. ADAMS, State Treas.
Z. PLATT, Atty Gen'l.

Received May 27, a statement from the Auditor General, as reply in part to the above resolution.
(File Mark A.)

Gen. L. S. Humphrey, Col. Jas. K. Hunt, Hon. E. H. Lothrop and Wm. R. Thompson, Esq., notified by Treasurer, May 31, 1842, to appear on Wednesday, July 6, next, to settle and adjust their accounts as late Commissioners of Internal Improvement.

December 5, 1842.

Franklin Sawyer, Esq., Superintendent of Public Instruction, presented his account for settlement. On an examination of his account up to December 1, 1842, and on comparison of the same with the books and vouchers it was found correct.

The balance of eight hundred and eighty-six dollars, then found remaining in his hands was paid over by him to the State Treasurer for which he produced the proper receipt.

December 6, 1842.

This day Thomas N. Wells, acting Commissioner of Internal Improvement, presented his accounts for moneys received and moneys paid out for settlement pursuant to law, and upon examination of the same,

AN ACT to amend section one of act number eighty-seven of the public acts of eighteen hundred and ninety-one, entitled "An act to provide for appropriation of money to pay the salary of the Attorney General, clerks, and certain expenses in such department, and to provide the manner and condition of payment, and to repeal all acts and parts of acts contravening the provisions of this act."

SECTION 1. *The People of the State of Michigan enact*, That section one of act number eighty-seven of the public acts of eighteen hundred and ninety-one, entitled "An act to provide for the appropriation of money to pay the salary of the Attorney General, clerks, and certain expenses in such department, and to provide the manner and condition of payment, and to repeal all acts and parts of acts contravening the provisions of this act," be amended so as to read as follows:

SECTION 1. *The People of the State of Michigan enact*, That there be and the same is hereby appropriated out of the moneys in the treasury to the credit of the general fund not otherwise appropriated, the following sums for the Attorney General, clerks in his office, and for certain expenses in his department, for the year one thousand eight hundred and ninety-three, and each year thereafter; for the salary of the Attorney General three thousand dollars, to be paid *pro rata* monthly; for the salaries of clerks three thousand dollars, to be paid *pro rata* monthly; any sum not used to be disposed of at the end of the year as provided in section three of this act; for necessary

after comparing them with the vouchers and receipt, there was found remaining in his hands the sum of two thousand, sixty-four dollars and nine cents, which he presented to the board, and which he retained to pay the current expenses of the Central railroad.

Detroit, October 10, 1842.

I. D. PIERCE, ESQ.:

DEAR SIR—The Board of Auditors will meet you at Ann Arbor on the 26th inst., for the purpose of settling your account as late Superintendent of Public Instruction.

Your obt. servant,

R. P. ELDRIDGE,
Chairman Board of Auditors.

Copy of certificate page 7, report of Board of State Auditors, 1875.

On the foregoing statement the following certificate is endorsed by the chairman of the Board of State Auditors, namely:

OFFICE OF THE BOARD OF STATE AUDITORS, }
Lansing, October 28, 1874.

I hereby certify that the Board of State Auditors this day examined the within account current of receipts and expenditures of A. L. Aldrich, treasurer of the Institution for the Deaf, Dumb and Blind and carefully compared the amounts therein with his vouchers, receipts and abstracts accompanying the same, and found the amounts to correspond, and settlement with him was made on that basis.

(Signed)

DANIEL STRIKER,
Chairman.

Copy of certificate page 9, report of the Board of State Auditors, 1889.

OFFICE OF THE BOARD OF STATE AUDITORS, }
Lansing, August 26, 1890.

The Board of State Auditors this day examined the above statement of the receipts and disbursements of S. S. Cobb, treasurer of the Michigan Asylum of the fiscal year ending June 30, 1890, and find the same to agree with records in the office of the Auditor General, and find the balance reported as on hand at that date to agree with the balance as shown by the books of the Auditor General, and have settled with said treasurer on that basis.

(Signed)

G. R. OSMUN,
Chairman Board of State Auditors.

Postal card issued in 1880.

OFFICE OF THE BOARD OF STATE AUDITORS, }
Lansing, December 9, 1890.

DEAR SIR—The Board of State Auditors will meet at their room in the Capitol, on Wednesday, December 22, to settle with the several State Institutions.

Very respectfully yours,

WILLIAM JENNEY,
Chairman Board of Auditors.

Board of State Auditors.

Series of 1891.
Circular No. 15.
300.

STATE OF MICHIGAN, }
ATTORNEY GENERAL'S OFFICE. }
Lansing, July 27, 1891.

To the Honorable, the Board of State Auditors:

GENTLEMEN—Concerning the question presented to me by your Board asking my opinion whether section five of act No. 145 of the public acts of 1891, repealed sections 307, 308, 309, 310 and 371 of Howell's annotated statutes relative to the powers of your Board, I am of the opinion that said section does not repeal or in any manner limit your power under and by virtue of the sections above quoted.

Section five above mentioned is an amendment to section five of act No. 206 of the public acts of 1881,

expenses of the Attorney General, and to pay extra help and expenses, if any are necessary, such further sum as the Board of State Auditors may allow.

This act is ordered to take immediate effect.

Approved May 27, 1893.

EXPENSES OF TRIAL FOR MALFEASANCE.

342. 1861, p. 470, Mar. 15, June 15, Act 223. **SECTION 1.** *The People of the State of Michigan enact*, That the expenses of all prosecutions against persons holding or who may have held, any State office under the constitution of the State, for malfeasance in office, shall be paid from the general fund, by the State Treasurer; and the Board of State Auditors are hereby authorized and empowered to allow all just and legal claims for such prosecutions, and this act shall be deemed to apply to the expenses of any prosecutions, already commenced, as well as to any which may occur in the future.

CONTRACT FOR FUEL, ETC.

344. 1849, p. 16, Feb. 2, Act 22; Am. 1857, p. 443, Feb. 17, Act 174. **SECTION 1.** *Be it enacted by the Senate and House of Representatives of the State of Michigan*, The Board of State Auditors are hereby authorized to contract for or purchase wood, lights and necessary furniture for the legislative halls and State offices from time to time, and to audit and allow the accounts for the same, and accounts for making necessary repairs on the capitol, and the house and grounds adjoining belonging to the State, and also for a porter to take charge of the State offices in the capitol, and for transportation of packages to and from the State offices, for the payment of which the State would be liable, and for other necessary incidental expenses of said offices, and also for the improvement of capitol block by planting trees and shrubbery upon said block, and also for all other necessary improvements for the enhancement of the value of the property of the State at Lansing; and also to procure plans, drawings and estimates for a State capitol, to be submitted to the legislature of eighteen hundred and fifty-nine.

ART. IV. SEC. 22. Constitution of Michigan. The legislature shall provide by law that the furnishing of fuel and stationery for the use of the State, the printing and binding the laws and journals, all blanks, paper and printing for the executive departments, and all other printing ordered by the legislature, shall be let by contract to the lowest bidder or bidders, who shall give adequate and satisfactory security for the performance thereof. The legislature shall prescribe by law the manner in which the State printing shall be executed, and the accounts rendered therefor; and shall prohibit all charges for constructive labor. They shall not rescind nor alter such contract, nor release the person or persons taking the same, or his or their sureties, from the performance of any of the conditions of the contract. No member of the legislature, nor officer of the State, shall be interested directly or indirectly in any such contract.

entitled "An act to provide for the uniform regulation of certain State institutions, and to repeal," etc. Section nine of the same act contains this saving clause: "That nothing in this act shall be construed as amending or repealing any act or parts of acts providing for financial reports by any of said State institutions to the Auditor General, Board of State Auditors, or to any other State officer, as now provided by law." The scope of section five must, at least, be considered as limited to the object expressed in the title of the act.

Section one of the original act (act No. 206 of the public acts of 1881, section 412 of Howell's statutes), of which section five above referred to is a part, applies the act to "all educational, charitable, reformatory and penal institutions supported wholly or in part by the State."

When section five is read in connection with the title it is plain that the intention of the legislature was to provide for the report and settlement of the accounts of certain institutions.

Owing to the very excellent manner of keeping the books in the Auditor General's office between the State and the several educational, charitable, reformatory and penal institutions, and the law which requires such institutions to file vouchers with the Auditor General and gives him authority to pass on the same (Howell's statutes, section 305, 306, 307, 308, 309), as a matter of fact so much of the law as relates to the Board of State Auditors settling with these several public institutions has, since the enactment of act No. 206 of the public acts of 1881, practically been a "dead letter."

In passing section five of act No. 146 of the public acts of 1891, the legislature extended the authority of the Auditor General by providing that a final settlement each year by the Auditor General shall be made with the several penal, reformatory, charitable and educational institutions of the State.

Inasmuch as this section gives authority to the Auditor General to make a settlement annually on behalf of the State with these several institutions referred to, and he is also required by law to file the vouchers and pass upon the accounts from month to month, unless, under very peculiar circumstances, there would be no necessity whatever of the Board of State Auditors incurring the expense of reviewing or going over a settlement, and doing exactly the same work that has been done by the Auditor General.

There are, however, embraced in the sections first above quoted, certain powers and duties devolving upon the Board of State Auditors that are not in the least affected by section five, and which it could not, under the title of the act, be construed in any manner to affect, viz., that portion relating to the several disbursing and collecting officers and boards throughout the State, who are not connected with any State institution and with whom the Auditor General has no authority to make a final statement. It would be the duty of the Board of State Auditors to have an annual settlement with all such persons and boards in the manner provided by law.

Second, As to the powers of the Board of State Auditors under sections 307, 308, 309, 310 and 311 of

RELATING TO THE LETTING OF CONTRACTS.

[*Act No. 88, Approved May 16, 1891.]

AN ACT to amend sections one, two and four of act one hundred and sixty-three of the public acts of one thousand eight hundred and fifty-one, for the State of Michigan, being an act entitled "An act to provide for the letting to contract, furnishing of fuel and stationery for the use of the State, and also the State printing and binding," as amended by act sixty-one of the public acts of one thousand eight hundred and seventy-three, approved April first, one thousand eight hundred and seventy-three, being compiler's sections three hundred and forty-six, three hundred and forty-seven and three hundred and forty-nine of Howell's Annotated Statutes, as amended by act number two hundred and three of the session laws of one thousand eight hundred and eighty-nine of the State of Michigan.

SECTION 1. *The People of the State of Michigan enact*, That sections one, two and four of act one hundred and sixty-three of the session laws of one thousand eight hundred and fifty-one, entitled "An act to provide for the letting to contract, the furnishing of fuel and stationery for the use of the State, and also the State printing and binding," as amended by act sixty-one of the session laws of one thousand eight hundred and seventy-three, being compiler's sections three hundred and forty-six, three hundred and forty-seven and three hundred and forty-nine of Howell's Annotated Statutes, as amended by act number two hundred and three of the public acts of one thousand eight hundred and eighty-nine, be, and the same are hereby amended so as to read as follows:

SECTION 1. *The People of the State of Michigan enact*, That it shall be the duty of the Secretary of State during the month of April, in the year one thousand eight hundred and ninety-one and every second year thereafter to cause to be published in some newspaper published at the seat of government, in one or more daily newspapers published in the city of Detroit, and in a daily newspaper printed in the city of Grand Rapids, and in the city of Saginaw, a notice specifying the time and place for receiving separate sealed proposals for furnishing fuel and stationery for the use of the State, the printing and binding the laws, journals and documents, all blanks, papers and printing for the executive and judiciary departments, and all other printing ordered by the legislature, which said notice shall be published at least once in each week for six successive weeks before the time specified for examining such proposals: *Provided*, That no such proposals shall be received after nine o'clock of the forenoon of the second Wednesday in May; and that such proposals shall be opened on the second Wednesday in May in public, by the Board of State Auditors and the several contracts shall be awarded to the lowest responsible bidder or bidders, on or before the second Wednesday of June following: *Provided, however*, That the Board of State Auditors shall have the right to reject any and all bids, and in case the said Board of State Auditors reject all of the bids on any article advertised for under the provisions of this section, then the said Secretary of State shall within ten days after said decision by the said Board of State Auditors, re-advertise for the same length of time, in the same manner, as near as may be, for such articles for which the bids were so rejected by the said Board of State Auditors, and the bids shall be opened and the contract let in the same manner, as near as may be, as provided for letting contracts had the bids not been rejected, and within the same length of time: *Provided further*, That if from any cause it shall not be practicable for the Secretary of State to advertise as provided in this section, in the month of April, one thousand eight hundred and ninety-one, then the said Secretary of State shall have the right to advertise for such bids as soon thereafter as practicable, by giving the same notice and observing all the provisions of this section as near as may be.

SEC. 2. Said notice shall specify the kind and quality of the articles, but under no

Howell's statutes, I believe it is the duty of the Board to ascertain in such settlement whether the moneys received by these collecting officers are properly accounted for, and whether the money expended by them has been expended in the manner provided by the law. If they have not that power, a settlement would be nothing but an idle ceremony.

Section 371 provides that: "The vouchers, receipts and abstracts shall be presented to the Board of State Auditors, and the Board shall examine the same and shall make a settlement."

The power to make a settlement necessarily includes the power to allow or disallow an account.

Third, it will be observed that these several statutes, passed as they were some years ago, at the time they were passed, contemplated a settlement at the close of the old fiscal year. Since that time the fiscal year has been changed, and I am of the opinion that the statutes changing the fiscal year would repeal the inconsistent portions of these statutes, or so far amend them as to provide for the settlement now at the close of the new fiscal year.

Respectfully submitted,

A. A. ELLIS,
Attorney General.

circumstances shall the name of the manufacturer or brand be given in any advertisement or specifications of articles for which proposals are to be received. Ample security shall be required for the faithful performance of each and every contract made in pursuance of said notice. All stationery, and supplies in the nature of stationery, school and janitor's supplies, of which such a quantity can be foreseen as will last till the next contract is let, and provided they can be bought in sufficient quantities to make it an object, shall be placed under contract. Each bidder for stationery shall furnish at the time of putting in his bid, samples of the articles asked for corresponding with his bid, said samples to be marked with the item, number and price, and no bid shall be entertained for items on which no samples are furnished.

SEC. 4. At the time and place certified in said notice, it shall be the duty of the Board of State Auditors to meet and then and there proceed to open and examine all proposals received by the Secretary of State, pursuant to such notice: *Provided*, That no bids shall be entertained unless accompanied by a guarantee bond, in such amount as said Board of State Auditors shall require, conditioned that the bidders will enter into the contract if awarded them. The Board of State Auditors shall properly prepare a schedule of all bids, and examine and compare the samples for the stationery separately, and immediately enter into written contracts to commence on the first day of July, one thousand eight hundred and ninety-one, with the person or persons whose propositions are the lowest, and who shall execute bonds to the people of the State of Michigan, jointly and severally, with good and sufficient sureties, in such penal sums as the Board of State Auditors shall require for the faithful performance of said contract and stipulating that in case of the failure of the bidders to perform their contract, such bondsmen shall pay the difference, if any, between the amount of the bid made by the contractor and the price of such goods in open market. Failure upon the part of any contractor to furnish goods within a reasonable time complying with contract samples shall, in the discretion of the Board, work a forfeiture of said contract, and the Board may purchase such goods in open market, charging any increase of the cost thereof to said contractor, and may call upon the bondsmen to pay said amount upon the failure of the contractor so to do: *Provided further*, That where contract is let for any article now furnished under contract, which contract will not expire until January first, one thousand eight hundred and ninety-two, then the contract shall provide that for such items or articles it shall commence on the first day of January, one thousand eight hundred and ninety-two, and extend until the first day of July, one thousand eight hundred and ninety-three: *Provided further*, That the contracts for printing and binding to be let in one thousand eight hundred and ninety-one, shall be for a period commencing January first, one thousand eight hundred and ninety-two, and continuing until July first, one thousand eight hundred and ninety-four.

This act is ordered to take immediate effect.

348. Am. 1873, p. 70, April 1, Act 61. SEC. 3. The printing and binding of the laws, journals and documents, to be in such style and manner as may be directed by the State Board of Auditors, or other officer or officers duly authorized by law to fix and determine the same; the style and manner to be specified in the notice provided for in the first section of this act, and to be completed in a reasonable length of time, to be specified in the contract for the same.

350. SEC. 5. All demands against the State arising under such contracts, from time to time, shall be audited by the Board of State Auditors; but no charge for constructive labor shall in any case be allowed. The Auditor General shall draw his warrant on the State Treasurer for all sums so audited and allowed, who shall pay the same out of any moneys in the treasury not otherwise appropriated.

351. SEC. 6. In case any such contractor shall fail to perform his contract, it shall be the duty of the said Board of State Auditors to cause the objects of such contract to be accomplished in any way by them deemed advisable for the best interest of the State; and it shall be the duty of the Attorney General forthwith to prosecute the bonds of such delinquent contractor.

352. 1861, p. 275, March 15, Act 171; Am. 1871, p. 289, April 17, Act 175. SECTION 1. *The People of the State of Michigan enact*, That it shall be the duty of each and every State officer, Board of State Auditors, Board of Control, inspectors, or commissioners of any public improvement, work, building or institution, acting for the State, to require of all and every person bidding for any contract, by them or any of them to be let or made, such good and sufficient security as they may require, not less than one-fourth the sum total of the amount of the estimated cost of said contract, or the work to be performed under it, conditioned so as to secure the State from loss or damage which may arise by reason of the withdrawal of the bid or bids by such person or persons made before the time for entering into or making of the contract by them offered to be made; and in case any person or persons shall make any bid or sealed proposal for

any such State officer, State Auditor, Board of Control, inspector, or commissioner, it shall not be lawful for such person or persons to withdraw, cancel, alter or amend the same after it shall have been thus made, deposited and filed with any such State officer or other person duly authorized to receive the same, previous to the time appointed for opening the same. After the opening of said bids and letting such contract, the State officer or other person holding the same shall continue so to keep the same, and the securities filed therewith, and if such bid shall be lowest, it shall be considered a lawful bid or proposal, and treated as other bids and proposals are required by law to be treated; and if any such person or persons shall fail to enter into any contract, as contemplated by such officer in advertisement or other information therefor, or by the terms of the bid or proposal so received, or shall refuse to execute and fulfil the same, it shall be the duty of such State officer, or Board of Auditors, member of Board of Control, inspector or commissioner, to immediately prosecute such person or persons, and the person or persons giving such bond or security, and to recover such damages thereon as may be adjudged by any court of this State; and all moneys so recovered from such person or persons, or any other person or persons, as sureties or bondsmen with said principal or principals, shall be paid into the State treasury, after deducting costs of suit, and be credited to the general fund: *Provided*, When any such forfeiture shall be made to any public institution, building, asylum, or public work, the damages or moneys so recovered shall be credited by the State Treasurer to the said institutions, building, asylum or public work named in such advertisement, bid, or proposal, or for which the same was intended to be made: *And provided further*, That said person or persons, or board of officers, shall have the right to reject any of said bids or proposals if in their judgment the public will be subserved thereby.

ASSESSMENT AND TAXATION OF RAILROAD LAND.

1180. SEC. 4. The Auditor General shall receive only such compensation for his services as required by section three of this act, as shall be necessary to pay the proper officer at Washington for making and forwarding the lists aforesaid, and the amount so paid shall be audited by the Board of State Auditors, and paid to the Auditor General out of the treasury of the State.

ACCOUNTS OF MEMBERS OF STATE BOARD.

ACT 146, 1891. SEC. 5. Every officer, board, commission or agent disbursing public funds shall make an annual settlement with the State within thirty days after the close of each fiscal year, and at such other times as the Governor shall direct. Such settlement shall be made with the Auditor General, upon a sworn statement, setting forth the amount on hand at the commencement of each fiscal year; also the amount received or disbursed during the period covered thereby, and the amount on hand at the close of each year. Upon the presentation of such statement, the Auditor General shall make an examination thereof, and if found correct, so signify by indorsement across the face of the statement. A copy of such report shall be published as a part of the annual report of such disbursing officer and of the Auditor General, and said statement, so indorsed, together with all papers presented by such officer, shall be returned to him for safe keeping and remain on file in his office.

This act is ordered to take immediate effect.

Approved June 19, 1891.

INSPECTION OF ILLUMINATING OILS.

ACT 94, 1893. SEC. 6. The State Inspector shall receive an annual salary of fifteen hundred dollars. He shall also be allowed such further sum as he may actually and necessarily expend in traveling expenses and prosecutions incurred in the discharge of his duties. Each deputy inspector shall be entitled to a salary payable monthly, the amount of each salary to be determined by the number of barrels containing not less than fifty gallons actually inspected by such deputy inspector during the month as follows: For each of the first ten, one dollar each; for each of the second ten, seventy-five cents each; for each of the third ten, sixty cents each; for each of the fourth ten, fifty cents; for each of the fifth ten, forty cents; for each of the sixth ten, thirty cents; for each of the seventh ten, twenty-five cents; for each of the eighth ten, twenty cents; for each of the ninth ten, fifteen cents; for each of the tenth ten, ten cents; for each of the second hundred, eight cents; for each of the third hundred, six cents; for each in

excess of three hundred, five cents: *Provided*, That in no case shall any deputy inspector receive more than seventy-five dollars in any month as such salary. Said deputy inspector shall also be entitled to and allowed all actual and necessary expenses for railroad, stage and steamboat fares incurred in the discharge of his duties as such deputy inspector. All salaries and expenses provided for in this act shall be retained by the State Inspector out of the moneys received for inspection of oil, and accounted for and paid out by him as provided in this act: *Provided*, That in case the amount of money received for the inspection of oils according to the provisions of this act shall not be sufficient to pay the compensation and expenses of the inspector and his deputies as provided herein, the amount of such deficiency shall be allowed by the Board of State Auditors and paid out of the general fund of the State treasury.

SEC. 7. The State Inspector shall render to the Board of State Auditors, quarterly, a detailed account of all the receipts and disbursements of his office, to be audited and allowed by them if found correct; and at the end of the year, any surplus shall be paid into the State treasury.

Approved May 23, 1893.

MEDICAL AND SURGICAL TREATMENT OF DEPENDENT CHILDREN AT THE UNIVERSITY HOSPITAL.

1818. SEC. 6. The actual expenses for the transporting of dependent children to and from said hospital as provided in this act, and the board, nursing and other care for said children while in said hospital, not exceeding the amount charged other children, patients in said hospital, shall be audited by the Board of State Auditors, and paid out of any money in the State treasury not otherwise appropriated. The treasurer of the board of control of the State Public School shall present all accounts for the transportation of children to and from said institution and said hospital, and shall receive payment thereon, the county treasurer of the proper county shall present such accounts and receive payment thereon for children sent from such county; and the treasurer of said University shall present the accounts for the board and nursing of said children, and shall receive pay thereon; all which accounts shall be verified as required by said Board of State Auditors.

BOARD OF CONTROL OF MICHIGAN SCHOOL FOR THE BLIND.

[Act 123, Public Acts 1893.]

AN ACT to provide for the maintenance, supervision and government of the Michigan School for the Blind, and to repeal all acts and parts of acts inconsistent herewith.

SEC. 2. The general supervision and government of said institution shall be vested in a board of control to consist of three members who shall be appointed by the Governor, by and with the advice and consent of the Senate, the members of which board shall hold their offices for the respective terms of two, four and six years from the first day of January preceding their appointments and until their successors shall have been appointed and qualified, said respective terms of office to be designated in their several appointments, and thereafter there shall be one of said board appointed every two years, whose term of office shall continue for six years or until his successor is appointed and qualified. In case a vacancy occurs in said board when the Legislature is not in session, the Governor shall appoint a member of said board to fill such vacancy until the next session of the Legislature. The Governor shall have power to remove members of said board of control for misconduct or other sufficient cause. The members of said board shall constitute a body corporate under the name and style of the "Board of Control of the Michigan School for the Blind," with the right of suing and being sued, and using a common seal and changing the same at pleasure. The members of said board of control shall receive no compensation for their services except their traveling and other necessary expenses to be allowed by the Board of State Auditors.

Approved May 26, 1893.

BOARD OF CONTROL OF THE STATE PUBLIC SCHOOL.

[Act 115, Public Acts 1893.]

AN ACT to provide for the government, management and control of the State Public School at Coldwater, and to repeal all acts or parts of acts inconsistent with this act.

SECTION 1. *The People of the State of Michigan enact*, That the general supervision and government of the State Public School shall be vested in a board of control, to

consist of three members, who shall serve without pay except for actual and necessary expenses incurred in the discharge of their official duties, which shall be audited by the Board of State Auditors and paid from the general fund, who shall be appointed by the Governor, by and with the advice and consent of the Senate, the members of which board shall hold their offices for the respective terms of two, four and six years, from the first day of January preceding their appointment, and until their successors shall be appointed and qualified, said respective terms of office to be designated in their several appointments; and thereafter there shall be one of said board appointed every two years by the Governor by and with the advice and consent of the Senate, whose term of office shall continue for six years from the first day of January preceding his appointment and until his successor is appointed and qualified. The members of said board shall constitute a body corporate, under the name and style of the "Board of Control of the State Public School," with the right of suing and being sued, of making and using a common seal, and altering it at pleasure. The said board of control shall have the power of taking and holding by purchase, gift, donation, devise, or bequest, real or personal estate to be applied to the use of the institution.

SEC. 7. The State Public School shall receive all children committed to it pursuant to this act, and it shall be unlawful for the superintendents of the poor to retain and support in their county any child admissible by law to said institution. The expense of transportation of children to said school, pursuant to law, and that of returning them to their counties after their admission by said board as improper inmates of said school, shall be audited by the Board of State Auditors and paid from the general fund. This act shall, in all respects, apply to children between one and two years of age who are sound in mind and body and who shall be declared to be dependent on the public for support, as provided in this act: *Provided*, That the superintendent of said school, being authorized by resolution of said board, shall endorse on the petition of the superintendents of the poor herein provided for his certificate showing that there is room in the institution for the admission of the child, and that provision has been made for its support while therein. In those counties in which the distinction between township and county poor is maintained, it shall be the duty of the superintendents of the poor of such counties, on the written request of the supervisor of any such township, to act for such township in securing the admission of dependent children to said school and in all respects as though such children were supported by the county.

Approved May 26, 1893.

INDIGENT INSANE.

1924. * * * * It shall be the duty of the Secretary of State to ascertain, if possible, through the testimony filed or otherwise, the actual residence of such insane person, return him thereto, and request reimbursement for all expenses incurred by the State, the expenses attending such return to be settled by the Board of State Auditors.

CARE OF INDIGENT INSANE IN PRIVATE ASYLUMS.

1945d. SEC. 4. The Board of State Auditors is hereby authorized to contract for the care and maintenance of State patients in private asylums at a rate per capita not exceeding the average rate per capita of the cost of the care and maintenance of patients in the State asylums.

CARE OF INSANE CONVICTS AT CLOSE OF TERM OF SENTENCE.

See Act 190, Pub. Acts 1883.

STATE AGENT OF STATE PUBLIC SCHOOL.

1979. Am. Ib., 1885, p. 223. SEC. 19. The said Board of Control is authorized to designate some officer, teacher, or other employé connected with said school to be agent thereof, who shall be known as the Agent of the State Public School, and who shall act in that capacity during the pleasure of said board. That his duties as such Agent shall be prescribed by said board and shall include visiting, at such times as said board shall direct, the wards of said board which have been placed in families, and reporting to said board the condition of such children, and any failures to comply with the terms of the indenture contracts; and that it shall also be his duty to find suitable homes for the children of this school, to investigate applications for such children, and to enter into contracts, in writing, on behalf of said board, with persons taking such children; such contracts to contain a clause reserving to said board the right to cancel the same

when, in the opinion of said board the interest of the child requires it, and may also contain a clause authorizing the person taking the child to cancel the same any time within sixty days from the date of the contract, on returning said child to said school free of all expenses; that the authority herein given said Agent is also hereby conferred upon the Superintendent of said school; that the salary and necessary traveling expenses of said Agent shall be first examined and allowed by said board, and shall then be audited by the Board of State Auditors, and paid from the general fund.

1984. Added 1875, p. 114, April 9; Act 76. Sec. 4. The expense of transportation of children who may be sent to said school, pursuant to law, shall be audited by the Board of State Auditors, and paid out of the general fund.

ERECTION AND MAINTENANCE OF FISH SHUTES.

2154. Added 1877. Sec. 6. It shall be the duty of the Fish Commissioners of this State to procure made a draft of a general plan on a scale of sufficient size for a working plan for a suitable shute or fish ladder, of such construction as will in their opinion best subserve the free passage of large and small fish, both up and down the streams at the dams, on which plan shall be designated the greatest allowable slope per foot run of said shutes or fish ladders when in place in the dam; also the proper width and depth, together with such other details and specifications in respect to materials and construction and connection with the dam, as will enable an ordinary carpenter to properly construct and place the same; and it shall be the further duty of said Fish Commissioners to procure to be lithographed two thousand fair copies of said plan and specifications, and to cause to be mailed to the address of the township clerk of each organized township in the State one copy of said plan and specifications, with instructions to said township clerks to place the same on file in their offices, and not to allow said plans and specifications to be taken thence, but to keep them open to the inspection of owners and occupants of dams, and persons using the water thereof in the township for their purpose of taking copies of the same; said plan and specifications shall also be open to the inspection of the general public when not in use, as above, by the owners and occupants of dams, who shall make their shutes and fish ladders in accordance with said plan and specifications in all essential details; the expenses incurred in procuring and mailing of said lithographed copies of said plans and specifications shall be audited by the Board of State Auditors, and paid by the State Treasurer out of any moneys in the State treasury not otherwise appropriated.

COMMISSIONER OF RAILROADS.

3289. Public Acts, 1889, No. 212. Sec. 5. Said Commissioner shall receive an annual salary of twenty-five hundred dollars, payable monthly, on the warrant of the Auditor General. He shall hold his office in the State capitol at Lansing. The incidental expenses of his office together with all actual cash outlay for railroad fares, when incurred in the service of the State, shall be audited by the Board of State Auditors. He may appoint a deputy, with the approbation of the Governor, for whose official acts such commissioner shall be in all respects responsible, and revoke such appointment at pleasure. Such deputy shall take and subscribe the constitutional oath of office, and shall perform such duties as the commissioner may from time to time prescribe, and in case of the death, resignation or removal of the commissioner, shall perform the duties of the commissioner until a successor shall be appointed, and such deputy shall receive an annual salary of fifteen hundred dollars for the year eighteen hundred and eighty-three, and each year thereafter, payable monthly, on the warrant of the Auditor General. The commissioner may also employ from time to time such clerks to assist him in the discharge of the several duties imposed upon him by law as he shall find necessary. The salary of such clerks as it may be necessary to employ shall be at such a rate per annum as the commissioner shall decide: *Provided*, That such rate salary shall not exceed one thousand dollars per annum, the salary of such clerks to be paid monthly on the warrant of the Auditor General upon the certificate of the commissioner that the service has been performed. He may also, in the same manner as the deputy commissioner is appointed, and under the same conditions and limitations as provided herein, appoint a mechanical engineer whose duty it shall be, under the instructions of the commissioner, to make technical inspections and reports of the condition and working of all air and power brakes and fixtures, automatic or safety couplers, heating apparatus, train signals and other appliances connected with the construction and running of locomotive engines and cars, also of the condition, character and working of yard and switch lamps, semaphore safety signals, switches, common and interlocking frogs and guard rails, whether the same are blocked or otherwise

treated, as required by law, also of the condition and [sufficiency] sufficient of bridges and other [structures] structure connected with the permanent way, and of the condition and sufficiency of all equipments, freight and passenger houses, as regards the public safety, health and convenience, and of such other matters and things as the commissioner may deem essential to a full and thorough information as to the physical condition of the several railroad properties of the State, and the proper enforcement of the police regulations enacted for the control and management of the same. Such mechanical engineer shall have had at least ten years' experience in practical service as a railroad mechanic, with such general knowledge of the requirements of railroad operation as shall fit him to skillfully perform the duties imposed upon him by the provisions of this act. He shall receive an annual salary of fifteen hundred dollars, payable monthly, in the same manner as the deputy commissioner, upon the certificate of the commissioner that the service has been performed. He shall also be paid his actual traveling and personal expenses while employed in the actual service of the State, upon the allowance of the Board of State Auditors and the certificate of the Commissioner of Railroads that said expenses have been incurred.

PAYMENT TO RAILROAD COMPANIES OF MONEYS COLLECTED FOR TRESPASS ON THEIR LANDS.

3450. 1875, p. 156, Apr. 27, Aug. 3, Act 127. SECTION 1. *The People of the State of Michigan enact*, That the Board of State Auditors be and are hereby directed to audit and allow to the several railroad companies of this State the amount of moneys collected or which may hereafter be collected and paid into the State treasury (less the expenses incident to such collection) from trespassers upon lands which were granted by the United States to this State for railroad purposes, by act of June third, eighteen hundred and fifty-six, the title to which has become vested in such companies, upon proof satisfactory to said board that such moneys were collected from trespasses actually committed upon the lands of such railroad companies, and that the title to such lands has actually become vested in the companies making application for such moneys.

3451. SEC. 2. When such amount shall have been ascertained and audited, said board shall certify to the Auditor General the amount thereof, who shall draw his warrant upon the State Treasurer, payable to the order of the proper officer of such railroad companies, and the State Treasurer shall pay the same out of the fund to which said moneys may have been credited: *Provided*, That such companies shall not be indebted to the State for specific State tax or otherwise.

INSURANCE BUREAU.

4211. Am. 1873, p. 30, March 14, Act 30. SEC. 6. There shall be assigned to the said Commissioner by the Secretary of State, at Lansing, suitable rooms for the conducting the business of said bureau; the necessary expenses of which shall be audited by the Board of State Auditors on the certificate of the Commissioner, and paid on the warrant of the Auditor General.

REGENTS OF THE UNIVERSITY.

See Howell's Statutes, Sec. 416.

STATE BOARD OF EDUCATION.

4976n. SEC. 14. The members of the State Board of Education shall receive three dollars per day for their actual services, and also their necessary traveling and other expenses, to be paid by the State Treasurer out of the general funds in the manner already provided by law for the payment of the accounts of boards of State institutions.

THE STATE LAND OFFICE.

5233. SEC. 3. All accounts for the incidental expenses of said office, for surveys of lands, for necessary maps, plats or charts, improvements at Lansing, and all other accounts and charges heretofore allowed and paid by the Commissioner, shall hereafter be audited by the Board of State Auditors, on the certificate of the Commissioner, and when so audited and allowed, shall be paid from the State treasury on the warrant of the Auditor General, drawn against the proper fund.

5247. SEC. 2. The surveyor so appointed shall receive a compensation for his time, actually employed, not to exceed four dollars per day, and his necessary expenses for

chainmen and assistance. The surveyor's bill for services and expenses shall be made on forms furnished by the Commissioner of the State Land Office, and itemized and sworn to, and shall be audited by the Board of State Auditors, and when allowed by them, shall be paid out of the general fund: *Provided*, That if in the progress of the surveys authorized by this act, the surveyors shall deem it necessary to establish any lost corners adjacent, the expense thereof shall be paid by the county in which the work is done.

5259. Am. Ib., 1879, p. 45. SEC. 6. Said agents shall receive as compensation for their services such sum or sums as the Board of State Auditors shall determine and allow, including necessary expenses, which bills for services and expenses shall be itemized and sworn to and made upon forms furnished by the Commissioner of the Land Office, the same to be paid out of the general fund, and apportioned to the several funds, according to the expenses attending the examination of land belonging to the different classes herein mentioned, and the Commissioner of the State Land Office may, in his discretion, require said agents to give a good and sufficient bond for the faithful discharge of their duties, and file the constitutional oath of office; and any agent appointed under this act who shall give to any person any information in regard to the value of lands examined, or timber thereon, before reporting the same to the Commissioner of the State Land Office, shall be deemed guilty of a misdemeanor.

PUBLICATION AND DISTRIBUTION OF THE SUPREME COURT REPORTS.

7204. 1879, p. 157, April 15, Aug. 30, Act 168. SECTION 1. *The People of the State of Michigan enact*, That the Board of State Auditors are hereby authorized and directed to solicit bids for the publication, stereotyping, printing, binding and sale of the report of decisions of the Supreme Court of Michigan, and to contract therefor in accordance with the provisions of this act, at a price not exceeding two dollars per volume.

7205. SEC. 2. The Board of State Auditors shall, commencing the first week in September, eighteen hundred and seventy-nine, or as soon thereafter as this act shall take effect, and every eight years thereafter, and as often as any contract let hereunder shall be forfeited or terminated in any way, advertise in six different newspapers, two of which shall be published in the city of Detroit, and of the largest circulation weekly, for the term of six weeks; that sealed proposals shall be received by said Board at Lansing, and opened at the end of such publication of notice, for the publication, stereotyping, printing, binding and sale of said reports as herein provided, for the term of eight years next thereafter, at a certain rate per volume, to be stated in such proposals, not exceeding the maximum price fixed by this act and shall, within ten days thereafter, award such contract to the lowest bidder: *Provided, however*, The first contract shall not take effect before January first, eighteen hundred and eighty.

7207. SEC. 4. The successful bidder shall make a contract according to the terms of his proposals, and the provisions of this act, which shall be made and considered part thereof, within thirty days after notice that the same is accepted, and shall also file with the State Treasurer a bond in the penal sum of ten thousand dollars, conditioned to fulfill such contract in all particulars, with at least two sufficient sureties to be approved by the Secretary of State. Such bonds shall be the joint and several obligation of the persons executing it. If the successful bidder shall fail to complete his contract, or shall forfeit the same for any cause, the said Board shall re-let the contract as soon thereafter as practicable, in the manner provided by section two of this act, and said contractor shall also pay to the State all expense thereof, and said Board may also complete any part of such first or any subsequent contract not fulfilled at the re-letting of the same at the expense of such contractor. In lieu of the sureties to the bond herein required, contractors may deposit United States bonds to the amount of ten thousand dollars with said treasurer, and said bonds, or such part thereof as shall be necessary to reimburse and make good to the State any loss it may sustain, or expense it may be put to by reason of the non-completion of said contract, shall be forfeited to the State of Michigan in case of the failure of such contractor to fulfill any of the conditions of the bond by him to be performed.

7213. SEC. 10. In any publication for and letting of contracts, the Board of State Auditors shall let as a separate part of such contract, the publication of reports from the stereotyped plates of former volumes owned by the State, as now provided by law, the same to be published and bound in like manner, style and quality, and put and kept on sale, at such separate contract price in like manner as new reports.

REPUBLICATION OF SUPREME COURT REPORTS.

7217. SEC. 2. Before any volume of said reports shall be reprinted, said reporter shall prepare and append to the cases contained in such volume suitable foot notes or

references to cases in the Michigan and other reports, bearing on or affecting the decisions in such cases, and such charges in head notes or otherwise as the chief justice may approve. He shall also insert in each volume so reprinted, a full table of the cases cited in the opinions therein; but no change shall be made in the opinion of any case except to correct verbal or typographical errors, which foot notes, references, changes, and table of cases shall be printed in connection with the original text under the supervision of said reporter, and for his services therefor said reporter shall be allowed such reasonable compensation by the Board of State Auditors as to them shall seem just: *Provided*, If for any cause said reporter shall be unable personally to perform the duties hereby imposed, the chief justice shall appoint some other person of known integrity and legal learning to perform the same, who shall be entitled to like compensation.

7218. SEC. 3. Said republication shall be done by contract, to be let by the Board of State Auditors as follows: Said Board of State Auditors, whensoever notified by the chief justice of the Supreme Court that any volume or volumes of said reports, that have not been stereotyped, are out of print, and at any time when any contract let hereunder shall be forfeited or terminated in any way, shall advertise in three different newspapers, one of which shall be published in the city of Detroit, one in the city of Grand Rapids, and the other in the city of Lansing for the term of four weeks; that sealed proposals will be received by said Board at Lansing, and opened at the end of such publication of notice, for the stereotyping, printing and binding of said reports, at a certain rate per volume, to be stated in such proposals, and shall, within ten days thereafter, award such contract to the lowest bidder. The Board of State Auditors shall have the power to reject any or all bids.

7226. SEC. 11. The State Librarian shall distribute one copy of any of said volumes to each of the various State and county officers of this State, to the United States district court judges in Michigan, to the various State institutions, and to the libraries of the different states and territories as directed by the Board of State Auditors: *Provided*, That in case any of said volumes heretofore published have already been distributed to State and county officers, State institutions, or the United States district court judges in Michigan, the same officers or institutions shall not be furnished with copies of the same volumes, republished under the provisions of this act, unless for good cause shown to the Board of State Auditors. He shall also sell the same at retail at a price not to exceed ten per cent above the actual cost, to be determined by the Board of State Auditors, and in such quantities to book dealers as shall be fixed by the Board of State Auditors. He shall also give a bond, keep accounts, and pay over money received from the sale of said reports in the manner provided in section seven of chapter one hundred and eight, being compiler's section five thousand, six hundred and fifty-seven of the compiled laws of eighteen hundred and seventy-one.

THE INDUSTRIAL SCHOOL FOR BOYS.

9821a. Added 1885, p. 238, June 10, Act 172. SEC. 15. Said Board of Control shall have the authority to designate some officer, teacher, or other employé of said board to be the agent thereof, who shall be known as the Agent of the Reform School, and shall act in that capacity during the pleasure of said board. The duties of said agent shall be prescribed by said board and shall include visiting, at such times as said board shall direct, the wards of said board who have been placed in families or are released from the school on leave of absence, and report to said board the condition of said wards. It shall also be his duty to investigate applications for boys from the Reform School, and to find suitable homes for them. The necessary traveling expenses of said agent shall first be examined and certified to as correct by said Board of Control and shall then be audited by the Board of State Auditors and paid from the general fund.

BOARD OF TRUSTEES FOR THE INDUSTRIAL SCHOOL FOR BOYS.

[Act 114, Public Acts 1893.]

SEC. 5. The members of said board of trustees shall be allowed their necessary expenses incurred in the discharge of their official duties under this act, which shall be audited by the Board of State Auditors and paid by the State Treasurer out of the general fund of the State. They shall not be directly or indirectly interested in any contract made with such institution or furnish any supplies or draw any money or property therefrom while acting as such trustees.

SEC. 6. All acts and parts of acts which conflict with the provisions of this act, are hereby repealed.

This act is ordered to take immediate effect.

Approved May 26, 1893.

MICHIGAN ASYLUM FOR DANGEROUS AND CRIMINAL INSANE.

[Act 124, Public Acts 1893.]

Sec. 29. In case the insanity of any criminal patient confined in the asylum shall continue after the expiration of his or her sentence the medical superintendent shall within a period of five days after the expiration of such person's sentence, make application to the judge of probate of the county in which the institution is situated for an order to retain such person in the asylum until he or she is restored to reason, and shall also send a written notice that he has made such application to one or more friends or relatives of the patient if their address be known, and to the county clerk of the county from which such convict was sent. The judge of probate shall, upon receipt of said application, notify such alleged insane person and prosecuting attorney of his county, fixing the time and place of hearing to be held thereon, and it shall be the duty of the prosecuting attorney to attend the examination and act in behalf of the State; said judge of probate shall also call two legally qualified physicians, and in his discretion other credible witnesses, and if he certifies that satisfactory proof has been adduced showing the person examined to be insane he shall direct his or her retention in the Michigan Asylum for Insane Criminals until restored to soundness of mind, and the expense of maintenance of such patient shall be charged in accordance with the provisions of section twenty-two of this act. The probate judge in such examination shall have power to compel the attendance of witnesses, and shall file the certificates of the physicians taken under oath, and other papers, and enter the proper order in the journal of the probate court in his office; said probate judge shall report the result of his proceedings to the Board of State Auditors, whose duty it shall be to audit and allow the expenses of such proceedings, to be paid by the State Treasurer on the warrant of the Auditor General. The foregoing proceedings shall apply to all criminal insane in the asylum at the date this act takes effect whose term of sentence has expired and who are not committed to the asylum by judicial proceedings. Whenever any convict who shall have been confined in said asylum as a lunatic shall have been restored to reason and the medical superintendent of said asylum shall so certify in writing, he shall be forthwith transferred to the house of correction, prison or reformatory from whence he came, and the agent or warden of said prison or reformatory shall receive the said convict into said prison, house of correction or reformatory. Any convict whose sentence has expired, and who is still insane, may be delivered to his relatives or friends who will undertake, with good sureties, to be approved by the board of managers, for his peaceful behavior, safe custody and comfortable maintenance without further public charge.

Approved May 26, 1893.

SENTENCE OF FEMALES TO CONFINEMENT IN DETROIT HOUSE OF CORRECTION.

9865. Public Acts, 1879, No. 67. Sec. 2. Whenever the sentence of any female now confined, or that shall hereafter be confined, in the State Prison, shall be by the Governor or other competent authority commuted to confinement for any period in the Detroit House of Correction, it shall be the duty of the agent of said State Prison to at once transmit such person in proper and safe custody to the superintendent of said House of Correction, whose duty it shall be to receive and safely keep her in said House of Correction until the expiration of her sentence as commuted, or until she is otherwise discharged by due process of law or competent authority. And the board of inspectors of the State Prison are hereby authorized and empowered to contract with the board of inspectors of said House of Correction for the maintenance at said House of Correction of persons sentenced pursuant to the provisions of this section: *Provided*, That the compensation shall not exceed one dollar per week.

EXPENSES OF THE AUDITOR GENERAL.

341a. 1883, p. 38, April 24, Act 46. SECTION 1. *Provided*, He shall not directly or indirectly receive any fees, mileage or perquisites whatever for the performance of duties connected with his office excepting actual personal expenses while away from the seat of government in the discharge of his official duties.

PAYMENT OF CERTAIN BOUNTIES PROVIDED FOR.

302a. 1885, p. 212, June 9, Sept. 19, Act 157. SECTION 1. *The People of the State of Michigan enact*, That the Board of State Auditors be and is hereby authorized and

instructed to examine into and determine the rights of certain claimants to State bounties, which bounties, it is alleged, have been paid by the State upon forged or fraudulent vouchers; and to adjudicate and determine upon all questions of fraud in relation to such bounties.

392b. SEC. 2. For the purpose herein provided, said board is hereby directed to hold its sessions at the capitol at Lansing, at such times, and as often, as shall be necessary to transact and complete the business of adjudicating such claims. Said board is further authorized and directed to establish such methods of adjudication, and prescribe such mode of proof, as shall seem to them most conducive to the object intended to be accomplished by this act, and as shall be the least expensive to such claimants. They shall have further power in all cases, where it may seem to them to be necessary to compel the attendance of witnesses, and to call for papers and enforce the production thereof. They may also prescribe and provide suitable blanks, and do any and all things necessary and lawful for the prompt and faithful execution of the provisions of this act.

392c. SEC. 3. For the purposes of this act, it shall not be deemed necessary, in establishing a claim, for the soldier, or his widow or children, having a claim under the provisions of act No. 27 of the session laws of eighteen hundred and sixty-five, approved February fourth, eighteen hundred and sixty-five, and being compiler's section nine hundred thirty-seven of the compiled laws of eighteen hundred and seventy-one, to comply with the technical requirements contained in the last three subdivisions of section one of said act, nor shall it be necessary to make any technical proof of a similar nature to that contained in the aforementioned provisos of said act No. 27, but it shall be made to appear in all cases that the soldier enlisted and was mustered into the service in some regiment or other military organization of this State, and was credited to this State or to some military subdistrict therein: *Provided*, That no payment shall be made upon any assignment of such claim, nor to any person except to such identical soldier, or in case of his death then to his widow or children or their legal representatives: *Provided further*, That the statute of limitations shall not be a bar to any claim by such soldier, or his widow, children or legal representatives.

392d. SEC. 4. If it shall appear upon such examination that "the bounty due" said soldier so enlisted and mustered has been paid to any other person, upon forged or fraudulent vouchers, and that his bounty is still justly due him, the said board shall audit the claim, and issue a certificate showing the fact and directing the amount found to be due to be paid to such soldier or his heirs, and upon such certificate the Auditor General shall draw his warrant upon the Treasurer of the State of Michigan for the amount found due by said board as shown by such certificate, and the Treasurer shall pay the same out of any money appropriated for that purpose, or any money not otherwise appropriated.

STATE INSTITUTIONS, STATE BOARD OF CORRECTIONS AND CHARITIES AND STATE BOARD OF HEALTH TO EXAMINE PLANS OF NEW BUILDINGS.

418. Am. 1889, p. 92, May 9, Act 86. SEC. 7. That before the board of any charitable, penal, or reformatory institution shall determine on the plan of any building, or on any system of sewerage, ventilation or heating, which has been authorized by the legislature to be constructed, such plans shall be submitted to the Board of Corrections and Charities and the State Board of Health for examination and opinion thereon. * * * That it shall be the duty of said State boards to visit said penal, charitable and reformatory institutions when necessary to make the examinations herein required, and their official expenses necessarily incurred shall be audited by the Board of State Auditors and paid from the general fund.

PROSECUTING ATTORNEY TO CONDUCT CASES IN SUPREME COURT, ETC.

[Act No. 75, May 13, 1891.]

AN ACT to amend section one of act number seventy-two of the session laws of eighteen hundred and eighty-seven, being an act entitled "An act to require prosecuting attorneys to appear and conduct criminal proceedings in the Supreme Court in certain cases, and to provide for the payment of extra compensation therefor," approved April fifteenth, one thousand eight hundred and eighty-seven.

SECTION 1. *The People of the State of Michigan enact*, That section one of act number seventy-two of the session laws of eighteen hundred and eighty-seven, entitled "An act to require prosecuting attorneys to appear and conduct criminal proceedings in

the Supreme Court in certain cases, and to provide for the payment of extra compensation therefor," be and the same is hereby amended so as to read as follows:

SECTION 1. *The People of the State of Michigan enact*, That in all criminal proceedings removed to the Supreme Court by writ of error, mandamus or otherwise, it shall be the duty of the prosecuting attorney of the county from which any cause is so removed to prepare a brief on behalf of the people therein, and to furnish the same to the Attorney General where such cause is a calendar cause, at least twenty days before the time at which such cause is set for hearing, and in all other cases such prosecuting attorney shall furnish such brief to the Attorney General at least two days before the time for the hearing of such cause. It shall be the duty of the prosecuting attorney of the county from which any cause is, so removed, where such cause is made a calendar cause, on the request of the Attorney General to appear on behalf of the people in the Supreme Court, and to assist the Attorney General to conduct such cause in such court, and for his services in such case such prosecuting attorney shall, in addition to his regular salary, receive a reasonable compensation, including his expenses in traveling to and from, and on his attendance in such court, when so requested by the Attorney General. Such expenses in traveling to and from and compensation for attendance in such court to be certified to by the Attorney General and ascertained and determined by the Board of State Auditors, and paid by the State out of any funds belonging to the State not otherwise appropriated, and the expenses of preparing and printing any brief or argument prepared in such case shall be paid by the county from which the case is removed.

Approved May 13, 1891.

ASYLUM FOR INSANE CRIMINALS.

1943r. SEC. 18. * * * * If he shall not be discharged from the said asylum until after his transfer to the State shall have been effected, under the provisions of a subsequent section, the expense of his return to said county shall be paid by the State of Michigan.

1943z. SEC. 26. When the Michigan Asylum for Insane Criminals is opened for the reception of patients, the medical superintendents of the Michigan Asylum for Insane, and the Eastern Michigan Asylum, and the wardens of the State Prison at Jackson, and the House of Correction at Ionia, and the superintendent of the Detroit House of Correction shall, with the consent of the board of trustees, or board of inspectors, or managers of their respective institutions, proceed to transfer to the said Asylum for Insane Criminals all insane criminals or discharged convict insane found in such institutions. The expense of the maintenance of such patients shall, from the date of their transfer, be chargeable to the State of Michigan, likewise the expense attending said transfer.

1943z1. SEC. 27. Whenever a physician to the State Prison, or the physicians to either of the houses of correction of this State shall certify to any warden or other officer in charge, that any convict therein is insane, it shall be the duty of the said warden, or other officer in charge, to make immediately a full examination into the condition of such convict, and if fully satisfied that he is insane, the said warden, or other officer in charge where said convict is confined shall forthwith cause such convict to be transferred to the Michigan Asylum for Insane Criminals, after such institution shall be open for the reception of patients, and to deliver him to the medical superintendent thereof, who is hereby required to receive him into said asylum: *Provided*, There is room in said asylum, unoccupied, wherein said person may be accommodated, and retain him there until legally discharged. The expenses of such insane convict's maintenance in the Michigan Asylum for Insane Criminals shall be charged to the State of Michigan, likewise the expense attending his transfer. Whenever a patient is received in any of the asylums for the insane of the State who has previously served one term in prison, he may, at the discretion of the medical superintendent and board of managers of such asylum, be retained or transferred to the Michigan Asylum for Insane Criminals, if there be room therein for his accommodation. Whenever a patient is received who has served two or more terms in prison, or but one term for murder, attempt at murder, manslaughter, rape, or attempt at rape, arson, or burglary, it shall be the duty of the medical superintendent to transfer such patient forthwith to the Michigan Asylum for Insane Criminals, if there be room therein for his accommodation and the expense of such transfer shall be charged to the State of Michigan. Whenever a patient is received in any of the asylums of the State who has been previously treated in the Michigan Asylum for Insane Criminals, the medical superintendent may, in his discretion, transfer such patient to the Michigan Asylum for Insane Criminals, and the expense of such transfer shall be chargeable to the State of Michigan.

1943z 2. Am. 1887, p. 39, March 21, Sept. 28, Act 43. SEC. 28. The medical superintendents of either of the asylums for the insane in Michigan may, with the consent of their respective boards of trustees, make application to the Board of Corrections and Charities for an order for the transfer of any or all criminal insane persons under treatment in either of said asylums, who have been guilty of an act of homicide previous to admission to the asylum, and whose presence is dangerous to others; likewise all insane persons who have committed any act of homicide while under treatment in either of the asylums, and the Board of Corrections and Charities shall investigate all the facts and report to the Governor, who may, in his discretion, order the transfer of such person or persons to the Michigan Asylum for Insane Criminals after such institution shall be open for the reception of patients. The expense of the maintenance of such person or persons after such transfer shall be chargeable to the State of Michigan. In case any patient under treatment in either of the State asylums shall at any future time after the organization of the Michigan Asylum for Insane Criminals, commit any act of homicide, or develop unmistakable homicidal tendencies, rendering his presence a source of danger to others, proceedings may be instituted as above. If the transfer of such patient shall be effected the expense of his maintenance from the date of transfer shall be chargeable to the State of Michigan.

MICHIGAN SOLDIER'S HOME.

1984f. Am. 1889, p. 108, May 21, Act 103. SEC. 6. Each of the members of said board shall be entitled to receive three dollars per day for each day he shall be engaged with the business of the board, and his actual and necessary expenses, the accounts for such expenses and compensation to be allowed by the Board of State Auditors and paid from the general fund in a similar manner to those for members of other boards of the several State institutions.

STATE LIVE STOCK SANITARY COMMISSION.

2136m. SEC. 3. Each commissioner shall receive the sum of three dollars per day and necessary expenses for the time actually spent in the discharge of his duties; and the veterinary surgeon shall receive the sum of five dollars per day and necessary expenses for time when employed.

2136z. SEC. 16. The commission provided for in this act shall have power to employ at the expense of the State such persons and purchase such supplies and material as may be necessary to carry into full effect all orders by it given.

STATE BOARD OF PHARMACY.

2287c1. SEC. 3. * * * * The board shall make an annual report and render an account to the Board of State Auditors and to the Michigan pharmaceutical association, of all moneys received and disbursed by it pursuant to this act.

BANKING DEPARTMENT.

3208d5. SEC. 36. * * * * Vouchers for the Commissioner's salary must be first approved by the Governor. Vouchers for the deputy and clerk's salaries must be first approved by the Commissioner. All actual and necessary traveling expenses of said Commissioner, deputy or clerks, incurred in the discharge of their duties under this act, shall be fully itemized upon proper vouchers and certified in the order indicated for the salaries, and presented to the Board of State Auditors. If allowed, the Auditor General shall countersign. The State Treasurer shall upon the presentation of vouchers so allowed and countersigned, reimburse the said officer's expenses.

3208d9. SEC. 40. * * * * The expenses incurred and services performed especially for any bank shall be paid by such bank. * * * * No bank shall be subject to any visitation other than such as is required by this act, or otherwise authorized by law.

THE STATE AGRICULTURAL COLLEGE.

4979. "The members of the board shall receive no per diem compensation for their services, but shall be paid their traveling and other expenses while employed on the business of the board."

5012a. 1885, p. 78, May 11, Act 81. SECTION 1. *The People of the State of Michigan enact,* That the State Board of Agriculture be and they are hereby authorized to

provide, from time to time, in bulletin form, for the dissemination among the people of this State, and through the medium of the public press, the results of experiments, made in any of the different departments of the Agricultural College, and such other information that they may deem of sufficient importance to require it to come to the immediate knowledge of the farmers and horticulturists of the State.

5012b. SEC. 2. The several professors of chemistry, zoology, botany, agriculture, horticulture, and veterinary science, shall meet at least twice in each year, not excluding the president and other professors, prepare for publication an article embracing such facts as they may deem of public importance, a copy of which shall be simultaneously sent to each and every newspaper published in the State and to such persons as the State Board of Agriculture may think proper; said professors to so arrange that at least one of said articles shall be sent out, as above provided, the first week of each and every month, in each and every year.

5012c. SEC. 2. The Board of State Auditors shall, upon the approval of the State Board of Agriculture, audit the accounts for printing, stationery and postage, incurred in the publishing and disseminating of said bulletins, and the same shall be paid out of the general fund: *Provided*, That no account for printing the same in any newspaper shall be allowed.

STATE COURT OF MEDIATION AND ARBITRATION.

6534m4. SEC. 7. The fees of witnesses shall be one dollar for each day's attendance and seven cents per mile traveled by the nearest route in getting to and returning from the place where attendance is required by the court to be allowed by the Board of State Auditors upon the certificate of the court. All subpoenas shall be signed by the secretary of the court, and may be served by any person of full age authorized by the court to serve the same.

6534m6. SEC. 9. Each arbitrator shall be entitled to five dollars per day for actual service performed, payable from the treasury of the State. The clerk or secretary shall be appointed from one of their number and shall receive an annual salary not to exceed twelve hundred dollars, without per diem, per year, payable in the same manner.

INQUESTS ON DEAD BODIES.

9593. SEC. 11. Am. 1885, p. 105, May 14, Sept. 19, Act 103. When any justice of the peace shall take an inquest upon the dead body of a stranger, or being called for that purpose shall not think it necessary, on view of such body, that an inquest should be taken, he shall cause the body to be decently buried; and if the justice of the peace shall certify that to the best of his knowledge and belief the person found dead was a stranger not belonging to this State, the expenses of burial, with the justice's fees, and all the expenses of the inquisition, if any were taken, shall be paid to the justice of the peace from the State treasury, the account of such expenses and fees being first allowed by the circuit court for the county; in all other cases the expenses and fees shall be paid by the county in which the inquisition was taken: *Provided*, That when an inquest is held on the body of any person who dies in either of the prisons or public reformatories of the State, the expense of such inquest shall be audited and paid by the State as other charges against the State are audited and paid.

STATE AGENCY FOR THE CARE OF JUVENILE OFFENDERS.

9894. Am. 1885, p. 230, June 10, Sept. 19, Act 168; 1887, p. 408, June 28, Act 295; 1889, p. 217, June 28, Act 178. SECTION 1. *The People of the State of Michigan enact*, That the Governor may appoint in each county of this State an agent of the State Board of Corrections and Charities for the care of juvenile offenders and dependent children, who shall hold his office during the pleasure of the Governor, and shall be known as the county agent for the county for which he is appointed. Before entering upon the duties of his office, and within thirty days after receiving notice of his appointment, the said agent shall take and file with the county clerk of the county for which he was appointed the oath of office prescribed by the constitution of this State; and upon such qualification, it shall be the duty of the county clerk to immediately transmit notice thereof to the circuit judge, probate judge, each justice of the peace, and all other magistrates of the county having competent jurisdiction for the trial of juvenile offenders, and also to the superintendent of State institutions which place children in families by contract, indenture or adoption. Said agent shall receive as compensation for his services under this act his necessary official expenses, together with the sum of three dollars in full for his services for each case investigated or visited and reported

on as hereinafter provided, but not exceeding three dollars for which shall be audited by the Board of State Auditors, and paid and when such services and expenses relate to the indenture, of children placed in families by any State institution the amount fixed by the superintendent of the institution to which the child is sent. That the sum allowed for the services of said agent in any county of Wayne, Kent, Saginaw, Bay and Ingham, shall not in any county be more than one hundred dollars, and that in the counties of Wayne, Ingham the sum so allowed for such services shall not in any county be more than two hundred dollars.

9895. Am. lb. 1885, p. 231; 1887, p. 184, June 10, Act 177. S. If a complaint is made or pending against any boy under the age of sixteen years for the commission of any offense not amounting to imprisonment for life before any court or magistrate having jurisdiction thereof, it shall be the duty of such court or magistrate at once to cause proceedings to be had in the case, to give notice in writing of the same to the parent or guardian of the child, and there shall be one in said county, who shall have opportunity to appear and be heard on the charge or charges, and upon receiving such notice the agent shall enquire into and make a full examination of the parentage of the child, and of the facts and circumstances of the case, and report the same to the court or magistrate, who shall advise and counsel with the said court or magistrate, after full investigation and proof of the offense charged, and if the court shall find that the public interest, and the interest of such child, thereby, he may make an order for the return of such child to his parents or friends; or he may authorize said agent, under the advice and direction of the court, to take such child and bind him as a ward of the court, or to take such child and bind him as a person until he or she shall have attained the age of twenty-one years, or less time, or impose a fine, or to suspend sentence for a definite term, if the child be found guilty of the offense charged, and appears to be incorrigible and unmanageable, the court may cause him or her to be sent to the Industrial Home for Girls or to any State, penal or reformatory, or to any other institution, by law to receive such boy or girl, subject to such conditions as may be provided by law for the reception of children in said school or institution. In all cases the report of the agent shall be attached to the mittimus or commitment, and placed in charge of the agent, or some person designated by him, for his direction to the institution, for which service the same fees shall be paid to sheriffs in like cases.

JAIL INSPECTORS.

9649. Sec. 16. In each county of this State the judge of the County Court, or if there be no County Court, the judge of the District Court, or if there be no District Court, the judge of the State Board of Charities and Corrections, together with the board of trustees of the poor, shall be inspector of the jail respectively.

COMMISSIONER OF LABOR.

[Act No. 68, Public Acts 1891.]

Sec. 4. The compensation of such commissioner shall be ten thousand dollars per annum, and that of his deputy fifteen hundred dollars per annum, together with all necessary expenses, including the employment of such assistants as are provided for in section one of this act, shall be audited and paid by the State, and shall be in addition to the salaries and expenses of other State officers: *Provided*, that the compensation allowed to said commissioner shall not, in any one year, exceed the sum of eight thousand dollars: That in addition to the above allowance for expenses, said commissioner shall be allowed to have printed not to exceed four thousand copies of its annual report, for general distribution, and all printing, binding, and work shall be done under any contract which the State now has, or may hereafter make, with any party or parties, and the expense thereof shall be paid in the same manner as other State printing.

TELEGRAPH AND TELEPHONE BOARD.

1238. Sec. 3. Upon the receipt of the said statement from the Auditor General, State Treasurer, and Commissioner of the State Board of Charities and Corrections, the Board of State Auditors shall audit the same, and report the same to the State Board of Charities and Corrections.

hereby constituted a board of review for that purpose, shall during the month of July in each year, proceed to assess said telegraph and telephone lines at the true cash value thereof. Said board of review shall have power to personally inspect the line and instruments of any telegraph and telephone company or exchange, and shall each be entitled to the sum of three dollars per day for the time actually spent in the discharge of the duties imposed by this act, to be allowed by the Board of State Auditors.

STATE BOARD OF VISITORS.

[Act No. 163, 1893.]

SEC. 6. Any institution of learning incorporated under the laws of this State shall always be subject to the visitation and examination of the Superintendent of Public Instruction, and also to a board of visitors, three in number, to be appointed by said Superintendent of Public Instruction whenever he, in his discretion, deems it advisable. Said board when thus appointed shall visit such incorporated institution of learning, and carefully examine into the courses of study pursued, the modes and character of the instruction given, and into such other matters concerning the condition of the institution as may be of interest to the citizens of the State; and said board shall immediately thereafter make a full report to the State Superintendent of Public Instruction setting forth the result of their visitation and examination, and their conclusions as to the condition of the institution. The visitors acting under the provisions of this section shall each be entitled to receive their necessary expenses while so engaged, which amount shall be certified by the State Board of Education to the Board of State Auditors, who shall authorize a warrant therefor to be drawn upon the State Treasurer, and the same shall be paid out of the general fund.

Approved May 24, 1893.

SUPPORT OF PAUPER INSANE IN WAYNE COUNTY ASYLUM.

[Act No. 47, Laws of 1891.]

AN ACT to provide for the committing of pauper insane persons to the Wayne county insane asylum, and for the transfer of such persons to the State asylum, and from the State asylum to [the] said county asylum, and to provide for the support and maintenance of such insane persons.

SECTION 1. *The People of the State of Michigan enact*, That the judge of probate for the county of Wayne may, in his discretion, commit any pauper insane persons who would be a charge against the said county of Wayne, to the Wayne county insane asylum, instead of the State asylum, in the same manner and under the same procedure as provided for the admission of pauper insane into the State asylum, by section twenty-six, act one hundred thirty-five, of the public acts of eighteen hundred eighty-five; and the support and maintenance of such insane persons, after two years, shall be a charge against the State and shall be allowed by the Board of State Auditors, on proper account, certified by the board of superintendents of the poor for said county and the medical superintendent of said county asylum, upon the certificate of the State Board of Corrections and Charities, that such insane persons have received proper treatment and care.

SEC. 2. The State Board of Corrections and Charities may, from time to time, with the aid of the medical superintendent of said county asylum and the medical superintendent of one of the State asylums to be selected by said board, examine into the treatment and care of patients in said county asylum, and said board in its discretion, may at any time direct that any of such patients be transferred to a State asylum, and it shall be the duty of the superintendent of the poor of said county to make such transfer, and as to the patients so transferred there shall be deducted from the two years, for which their support and maintenance in the State asylum may be charged against the said county, the time for which they may have been confined in said county asylum.

SEC. 3. The medical superintendent of either of the State asylums may, with the consent of the trustees thereof, transfer to said Wayne county asylum any indigent or pauper insane person whose support and maintenance would be a charge against said county, and after the expiration of two years, including any time for which they may have been supported and maintained at the expense of said county, the support and maintenance of such patients in said county asylum shall be allowed by the Board of State Auditors, on proper accounts, certified by the said superintendents of the poor and the medical superintendent of said county asylum. The medical superintendent of the Eastern [Michigan] Medical Asylum may, with the consent of the trustees thereof,

transfer to said Wayne county asylum any indigent or pauper insane person or persons under treatment at the expense of the State of Michigan, who have been committed to the Eastern Michigan Asylum from Wayne county, and the account for the maintenance of such patients shall be allowed by the Board of State Auditors, and paid by the State of Michigan, on proper accounts, certified, as provided in section one of this act: *Provided*, That no greater sum than the actual cost per week, which shall at no time exceed three dollars per week, shall be allowed and paid, under the provisions of this act for the support and maintenance of any patient at said county asylum.

SEC. 4. The books of said superintendents of the poor shall be open at all times to the inspection of the Governor of the State and all persons whom he or the Board of State Auditors may appoint to examine the same for the purpose of verification of claims against the State.

This act is ordered to take immediate effect.

Approved April 30, 1891.

SOLDIER'S BOUNTIES.

[Act No. 133, Laws of 1891.]

AN ACT providing for the payment by the State of bounties offered to soldiers and sailors, under the call of the President of the United States, of February first, one thousand eight hundred and sixty-four, and remaining due to them and their heirs.

SECTION 1. *The People of the State of Michigan enact*, That there shall be paid to each enlisted man who enlisted and was mustered into the military or naval service of the United States during the late war of the rebellion, under the call of the President of the United States bearing date February first, one thousand eight hundred and sixty-four, and who served in a Michigan regiment, company or battery, or who served in any organization from any other State, and who was credited to this State, or to any county, township, city or village or military sub-district therein, under offers of bounties, made by virtue of acts passed by the Legislature of Michigan, such sum or sums as may remain due to such soldier or sailor under said offer of bounties, and in case of his death, then to his widow, or in case of her death or remarriage, then to the surviving children of such soldier or sailor, or in case neither widow nor children survive him, then to his father or mother in the order named.

SEC. 2. It shall be the duty of the Quartermaster General and Adjutant General, upon application being made to them by any such soldier or sailor, or his widow, or in case of her death or remarriage, the surviving children of such soldier or sailor, his father or mother as aforesaid, for the payment of such bounty, to ascertain upon proper and sufficient proofs, to be made in such manner and under such rules and regulations as shall be prescribed by the Board of State Auditors:

First, Whether the applicant is a soldier or sailor, or the legal representative of a soldier or sailor who is entitled to the bounty under the provisions of this act;

Second, The amount of bounty, if any, heretofore paid to such soldier or sailor by this State.

SEC. 3. If it shall appear that said applicant is entitled to the sum claimed or any part thereof, they, the said Quartermaster General and Adjutant General, shall make the necessary certificate showing the amount so due, which certificate, together with the proofs and copies of the records relating thereto, shall be forwarded to the Board of State Auditors. The Board of State Auditors shall thereupon examine and review such proof, and if found correct, draw their warrant upon the State treasury for the amount so due, and the amount of said warrant together with the date of its drawing, shall be communicated to the person entitled to receive the same, together with a voucher to be executed by the recipient of said bounty and returned to the Auditor General according to certain rules to be prescribed by the Board of State Auditors, and thereupon said warrant shall be forwarded to the person so entitled to said bounty, and when properly endorsed and presented in due form to the State Treasurer, shall be paid out of any moneys in the State treasury for that purpose appropriated, and in case there shall not be sufficient money in the State treasury applicable to such purpose, such warrant shall remain as an obligation against the State until paid, and a sum of money not exceeding one hundred thousand dollars is hereby appropriated out of any moneys in the State treasury not otherwise appropriated, for the payment of said bounties.

SEC. 5. It shall not be necessary to employ any agent or attorney for the prosecution or collection of said claims for bounties, but they shall be settled and adjusted directly by the Quartermaster General, Adjutant General and Board of State Auditors without cost to said applicant, and the checks drawn in payment of these bounties shall be

mailed directly to the claimant or the money paid to the claimant, and it shall not be lawful to pay any moneys to third parties except after the transfer of said checks by indorsement of the soldier or claimant in whose favor the same was drawn.

This act is ordered to take immediate effect.

Approved June 16, A. D. 1891.

RAILROAD AND STREET CROSSING BOARD.

[Act 92, Public Acts 1893.]

SEC. 8. Each of said members, other than the Commissioner of Railroads, shall receive as compensation the sum of ten dollars for each and every day spent in the performance of his duties. He shall be reimbursed for all actual cash outlay for railroad and hotel fares, and other expenses incurred in the performance of his duties. His bills for services and expenses shall be audited by the Board of State Auditors and paid from the State treasury.

Approved May 20, 1893.

FACTORY INSPECTOR.

[Act 128, Public Acts 1893.]

SEC. 10. The traveling expenses of said inspector, shall be approved by the Commissioner of Labor and audited by the Board of State Auditors, before payment, to be paid monthly by the Treasurer of the State out of any moneys not otherwise appropriated.

Approved May 27, 1893.

SANITARY CONDITION OF STATE CAPITOL.

[Act 143, Public Acts 1893.]

AN ACT making an appropriation for improving the sanitary condition of the State capitol.

SECTION 1. *The People of the State of Michigan enact*, That the sum of one thousand dollars, or so much thereof as may be necessary, be and the same is hereby appropriated out of the general fund in the treasury, not otherwise appropriated, for the purpose of improving the sanitary condition of the State capitol. The improvement shall be made in the Senate chamber, House of Representatives and the various other departments of the State capitol, and shall be done under the direction and supervision of the Board of State Auditors.

Approved May 29, 1893.

[Joint Resolution No. 13, Public Acts 1893, p. 435.]

JOINT RESOLUTION for the relief of Fred C. Harvey, private of Company D, Fourth Infantry, Michigan State troops, who was injured at the annual encampment of State troops, at Camp Winans, Island Lake, Michigan, August twenty-third, one thousand eight hundred and ninety-two.

WHEREAS, Fred C. Harvey, of Detroit, Wayne county, Michigan, believes he is justly and equitably entitled to a sum of money from the State of Michigan, by way of compensation for injuries sustained by him in the performance of his duties as a private in Company D, Fourth Infantry, Michigan State troops, at the annual encampment of State troops at Island Lake, August twenty-third, one thousand eight hundred and ninety-two; therefore

Be it resolved by the Senate and House of Representatives of the State of Michigan, That the Board of State Auditors be and they are hereby authorized to investigate the case and determine as to whether or not the said Fred C. Harvey has a just claim against the State and determine what amount if anything, is justly and equitably due and owing him, or should in justice and equity be paid him by the State; and said board is hereby authorized and empowered to settle and adjust such claim and to allow said Fred C. Harvey such sum as they may find he is justly and equitably entitled to under all the circumstances of the case. If they shall determine he is so entitled to any sum, the amount, whatever they shall determine, shall be drawn from the general fund: *Provided, however*, That the amount allowed shall not exceed the sum of fifteen hundred dollars.

This resolution is ordered to take immediate effect.

Approved March 15, 1893.

[Joint Resolution No. 14, Public Acts 1898, p. 435.]

JOINT RESOLUTION for the relief of Mrs. Sophia Brewer, of Saginaw, Michigan.

Resolved by the Senate and House of Representatives of the State of Michigan, That the State Board of Auditors be and they are hereby authorized and empowered to audit and adjust the claim of Mrs. Sophia Brewer, widow, Saginaw, Michigan, for the death of her son, David Brewer, late a private of Company D, Third Regiment of Michigan State troops, killed while in line of duty at the annual encampment of State troops in eighteen hundred and ninety-two, said claim being now pending before said board. Said board shall examine into all of the circumstances of the case and if in its opinion, such claim is equitable and just, said board shall allow said mother such sum as in its opinion shall be equitable, not to exceed three thousand dollars, and the sum so allowed shall be paid in the same manner as other claims allowed by said board are paid.

This joint resolution is ordered to take immediate effect.

Approved March 22, 1893.

[Joint Resolution No. 30, Public Acts 1893, p. 439.]

JOINT RESOLUTION directing the Board of State Auditors to examine and settle the claim of the Jackson Stone Company for money paid into the State treasury under a mistake of fact.

WHEREAS, The board of inspectors of the State Prison at Jackson has lately obtained a decree from the circuit court for the county of Ingham, in chancery, directing the reformation of a certain contract with the Jackson Stone Company of Jackson, Michigan, on the ground of mutual mistake; and

WHEREAS, The said Stone Company has laid out and expended large sums of money through mistake as to the lands embraced in said contract, which said sums have been paid into the State treasury and cannot be recovered in an action at law or in equity against the State; therefore

Resolved by the Senate and House of Representatives of the State of Michigan, That the Board of State Auditors be and are hereby authorized and instructed to receive and examine the claim of said Jackson Stone Company to be repaid such moneys as they have paid through mistake, and which the State ought equitably to refund, not to exceed the sum of two thousand dollars; and for such sum so allowed by said board, the Auditor General is hereby instructed to draw his warrant on the State Treasurer, and the State Treasurer is hereby required to pay the same out of any moneys in the treasury not otherwise appropriated.

Approved June 1, 1893.

[Joint Resolution No. 81, Public Acts 1893, p. 440.]

JOINT RESOLUTION for the relief of Albert B. Judd.

WHEREAS, The Congress of the United States, on the third day of June, eighteen hundred fifty-six, granted to the State of Michigan, among other lands, the northeast quarter of southeast quarter of section seven in town four north, range six west; and

WHEREAS, The Board of Control of Railroads conferred the said lands upon the Port Huron and Lake Michigan railroad company; and

WHEREAS, The said lands were patented February twenty-first, eighteen hundred eighty-four, to Albert B. Judd, pursuant to act one hundred ninety-seven, laws of eighteen hundred eighty-three, entitled "An act to provide for the disposition of certain lands granted to the State of Michigan, for railroad purposes, by acts of Congress of June third, eighteen hundred fifty-six, and March fourth, eighteen hundred seventy-nine, upon the route from Grand Haven to Flint, and thence to Port Huron, in the State of Michigan, to secure the title thereto to *bona fide* settlers and purchasers, to provide for the further sale thereof, and to provide for the adjustment of certain taxes heretofore assessed thereon; and

WHEREAS, That one Jonas Ashley located said [land] lands at the government land office with military bounty land warrant, but that said location was subsequently canceled and the warrant returned to the locator who used it in the location of other lands; and

WHEREAS, George Huggett and John M. C. Smith, claiming to have purchased the interest of the said Jonas Ashley, brought suit against said Judd and have forcibly ejected him from the said lands; and

WHEREAS, The said Judd, relying upon the said title received from the State of

Michigan, claims to have made improvements upon the said lands of great value, constituting his entire property; but that from the failure of his title they are entirely lost to him; therefore

Resolved by the Senate and House of Representatives of the State of Michigan, That the Board of State Auditors examine the claim of the said Albert B. Judd, and they are hereby authorized to adjust the same in such manner as they may deem just and equitable, but not to exceed seven hundred dollars.

This resolution is ordered to take immediate effect.

Approved June 1, 1893.

[Joint Resolution No. 32, Public Acts 1893, p. 441.]

JOINT RESOLUTION authorizing the Board of State Auditors to investigate, examine, settle and pay any claim found to be due the Presque Isle Lumber Company, of Hammond's Bay, Presque Isle county, Michigan, against the State of Michigan for damages or compensation, arising from the seizure by the trespass agents of the State of Michigan of a certain lot of cedar cut by it on portions of the northeast quarter of section thirty-five, township thirty-five north range two east, claimed by the said trespass agents to have been a trespass upon State lands.

WHEREAS, The Presque Isle Lumber Company claims that on or about the tenth day of June, eighteen hundred ninety-two, a certain quantity of cedar cut by it and ready for shipment and partly loaded on a vessel the "Senator Blood" at Cheboygan, Michigan, for shipment to Tonawanda, New York, was by Samuel Stowell and J. J. Donnelly, trespass agents for the State of Michigan, seized and taken from the possession of the Presque Isle Lumber Company under the claim and pretense that the same had been cut from the lands of the State of Michigan as a trespass, and that the said cedar was by the said trespass agents taken from the possession of the said Presque Isle Lumber Company and the vessel upon which the same was being loaded detained a long space of time; and that the said Presque Isle Lumber Company was afterwards compelled under protest to pay the said trespass agents the sum of three hundred fifty dollars for the release of said cedar; and that such claim of said trespass agents was without right or authority of law; and that the said Presque Isle Lumber Company was greatly injured and damaged by such seizure; therefore

Be it resolved by the Senate and House of Representatives of the State of Michigan, That the Board of State Auditors be and is hereby authorized and directed to investigate and examine said claim or claims, and determine as to the same, and if it shall be made to appear to the satisfaction of said board that the seizure of the said cedar by said trespass agents was in violation of the rights of the said Presque Isle Lumber Company, and that the payment of said money was extorted from the said Presque Isle Lumber Company by means of such seizure in violation of equity and good conscience on the part of the State, and that damages resulted to the said Presque Isle Lumber Company by reason of such seizure for which it is entitled to compensation, said board is hereby authorized and directed to adjust said claim or claims and to allow the said Presque Isle Lumber Company such sum or sums of money as it is equitably entitled to receive by way of compensation for such injuries, including repayment of the money so wrongfully extorted from it with interest. And the Auditor General is hereby authorized and directed to issue his warrant on the State Treasurer in favor of the said Presque Isle Lumber Company for the amount so audited and allowed by said Board of State Auditors payable out of any moneys in the treasury not otherwise appropriated, but not to exceed seven hundred dollars.

This resolution is ordered to take immediate effect.

Approved June 1, 1893.

[Joint Resolution No. 33, Public Acts 1893, p. 442.]

JOINT RESOLUTION authorizing the Board of State Auditors to investigate, examine and settle any claim found to be due Thomas E. Mays of the city of Ironwood, Gogebic county, State of Michigan, against the State of Michigan for constructing a State road from Bessemer, Gogebic county, to the mouth of Black river in said county.

WHEREAS, The Legislature of the State of Michigan in the year eighteen hundred and eighty-nine passed an act entitled "an act to entitle the Board of Control of State Swamp Lands to make an appropriation of State swamp lands to aid in the construction of a State road from Bessemer, Gogebic county, to the mouth of Black river in said county." And under the provisions of which said act on or about October thirty,

eighteen hundred and eighty-nine, John H. D. Stevens was appointed commissioner to lay out, establish and superintend the construction of said road, and did, under such appointment, lay out and establish said road according to the provisions of said act; and

WHEREAS, Said commissioner duly advertised for bidders for the construction of said road, and the contract for the construction thereof, after being so advertised and bid for, was let to Thomas E. Mays of the city of Ironwood, Gogebic county, and State of Michigan; and

WHEREAS, It is claimed by the said Thomas E. Mays that prior to making the bid for the construction of said road, he wrote to the Commissioner of the State Land Office at Lansing, Michigan, inquiring what lands were subject to selection by any party entering into a contract for the construction of said road, and that in reply thereto said Commissioner of the State Land Office informed him, the said Thomas E. Mays, that all the State swamp lands on Bois Blanc island were open to selection; and

WHEREAS, It is claimed by the said Thomas E. Mays that at the time of entering into said contract for the construction of said road he relied upon said representations of the Commissioner of the said State Land Office and entered into said contract with the understanding that upon the completion thereof, he would be entitled to make his selection from the lands upon said island; and

WHEREAS, Said Thomas E. Mays has performed his said contract and completed the same on or about the first day of October, eighteen hundred and ninety, which said performance was accepted by the local commissioner, John H. D. Stevens, aforesaid in November, eighteen hundred and ninety, and was accepted by the Board of Control of State Swamp Lands in December, eighteen hundred and ninety; and

WHEREAS, Said Thomas E. Mays thereafter filed his selection of said lands upon said Bois Blanc island with the Commissioner of the State Land Office and demanded that said Commissioner issue to him patents therefor, which was refused; and

WHEREAS, Upon application for *mandamus* made to the Supreme Court of the State of Michigan to compel the Commissioner of the State Land Office to issue patents therefor, such *mandamus* was denied upon the ground that such lands were not subject to filing and entry under said act passed in eighteen hundred and eighty-nine; and

WHEREAS, No other lands are subject to entry for the script issued for such work which will compensate the said Thomas E. Mays for the work done upon said road; and

WHEREAS, It is claimed by the said Thomas E. Mays that he was induced to enter into said contract by the express representations by the said Commissioner of the said State Land Office that said lands on Bois Blanc island might be entered and taken for such work;

Be it resolved by the Senate and House of Representatives of the State of Michigan, That the Board of State Auditors be and they are hereby authorized to investigate, examine and adjust the claim of the said Thomas E. Mays and to determine whether or not such representation was so made to him by the said Commissioner of the State Land Office, and ascertain whether other lands may be entered by him of sufficient value to fully compensate him for his work and expenditures in the construction of said road. If upon such examination it shall be made to appear by competent evidence that the said Thomas E. Mays did construct said road and did expend a large sum of money and a large amount of labor in the construction thereof, and if it further appears that he was induced to enter into said contract by reason of a representation by the Commissioner of the State Land Office that said lands upon Bois Blanc island might be patented therefor, and if it appears that said lands could not be patented therefor, then said Board of State Auditors shall ascertain and determine what amount, if any, is justly and equitably due and owing to said Thomas E. Mays for work, labor and expenditures in the construction of said road. And said board is hereby authorized and empowered to settle and adjust such claim and allow him such sum as they shall find justly and equitably due him for the construction of said road from Bessemer, Gogebic county, to the mouth of Black river in said county, and upon the allowance thereof, shall cancel any credit said Thomas E. Mays may have at the State Land Office for the construction thereof: *Provided*, That the amount allowed by the said Board of State Auditors, shall not exceed the sum of thirteen thousand six hundred dollars.

Approved June 2, 1893.

[Concurrent Resolution No. 2, Public Acts 1893, p. 444.]

Resolved by the House of Representatives (the Senate concurring), That the commission appointed by the Governor in accordance with the provision of concurrent resolution No. 1 of the special session of eighteen hundred and ninety-two to investi-

gate, consider and report to the Legislature a plan of legislation looking to the improvement of the highways of this State, be and the same are hereby respectfully requested to prepare a bill in conformity to the proposed amendment to the constitution of this State, suggested by them in their report to the Legislature, and to appear before a joint meeting of the committees on judiciary and roads and bridges of the Senate and House of Representatives in explanation thereof. Such commission to serve without pay except for expenses which shall be audited by the Board of State Auditors upon sworn [statement] statements to be approved by the Governor, and not to exceed in the aggregate the unexpended balance of the amount appropriated for the expenses of said commission.

Approved February 15, 1893.

[Concurrent Resolution No. 3, Public Acts 1893, p. 445.]

CONCURRENT RESOLUTION instructing the Board of State Auditors to sell at public auction the folding beds in the State capitol building.

Resolved (the House concurring), That the Board of State Auditors be instructed to sell at public auction the folding beds in the State capitol building, belonging to the State of Michigan, as soon as practicable.

Approved February 16, 1893.

[Concurrent Resolution No. 7, Public Acts 1893, p. 445.]

CONCURRENT RESOLUTION relative to lighting the State Library.

Resolved by the Senate of the State of Michigan (the House concurring), That the State Board of Auditors be and they are hereby authorized and empowered to equip the State Library with electric lighting, the same to be furnished at as early a date as possible.

Approved February 24, 1893.

[No. 17.]

WHEREAS, In eighteen hundred eighty-one a work entitled "Michigan and its Resources" was published by the State of Michigan, twelve thousand copies being issued, and so great was the demand for the work that the supply was exhausted in April, eighteen hundred eighty-two. More than three-fourths were sent out of the State, resulting in a great benefit to the State in bringing in capital and citizens and developing the State. A second edition was issued in eighteen hundred eighty-two, which edition was soon exhausted; and

WHEREAS, A large number of requests have been sent to the Secretary of State from outside the State for said work, making it necessary for the Secretary to issue a card announcing the fact that there were none left of the issue; and

WHEREAS, Manufacturers from other states are asking for information in relation to the resources of the State, with a view of making investments and locating manufacturing industries within this State; and

WHEREAS, This is Columbian year, and it is very desirable to place Michigan fairly before the world; therefore

Be it resolved by the House of Representatives (the Senate concurring), That the Secretary of State be and is hereby directed to recompile and reissue said work, incorporating therein such historical, statistical and local matter, with illustrations, as will constitute a valuable book of reference, giving such information as is desired by persons outside the State, and should be familiar to our own residents, giving the special resources and advantages of each county separately. That there shall be eight thousand copies issued for distribution at the Columbian Exposition at Chicago; two thousand six hundred eighty copies for distribution from the office of the Secretary of State; one thousand three hundred twenty copies for distribution by Senators and members of the Legislature. The expenses to be paid by Board of State Auditors, as other printing bills are paid. That the cost of printing, binding, and electrotyping said publication shall not exceed the sum of twenty-five hundred dollars.

Approved April 25, 1893.

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